

IMathematika

Mathematics

1

Ikota 1 : Term 1





Ikota 1 : Term 1



**Bala
Wande**

Calculating with Confidence

IMathematika

Mathematics

INcwadi Yomfundi Yomsebenzi
Learner Activity Book

IsiXhosa : English

Le ncwadi sisiqhamo sentsebenziswano phakathi kweqela elibizwa ngokuba yi *Bala Wande-Magic Classroom Collective team* kunye neqela lokuqinisekisa elenziwe ngabantu-ngabantu abakwiyunivesithi eziliqela ezahlukileyo, imibutho engalawulwa ngurhulumente (NGOs) esebenza ngemathematika kwakunye neSebe leMfundo esiSiseko. Ezi zixhobo zokufunda zithathela kwiincwadi zemisebenzi eziqulunqwe liSebe leMfundo esiSiseko nakuphindaphindo lwezicwangciso zezifundo (GPLMS, Jika iMfundo, NECT neTMU). Iibhokisi zezixhobo zokusebenza ngobuchule zeBala Wande zayilwa ngokucebisana nabakwaJade Education. Ezi bhokisi zinezixhobo zodidi oluphezulu eziyinxalenye ebalulekileyo yenkqubo yokufundisa nokufunda.

The development of this workbook was carried out by the collaborative *Bala Wande-Magic Classroom Collective team* in consultation with a reference team made up of individuals from several universities, mathematics NGOs and the Department of Basic Education. These materials draw on the DBE workbooks and existing iterations of lesson plans (GPLMS, Jika iMfundo, NECT and TMU). The Bala Wande manipulative boxes were designed in consultation with Jade Education. The boxes provide high quality materials which are an integral part of the teaching and learning programme.

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www.fundawande.org

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Ukusebenzisa incwadi yemisebenzi yabafundi yeBala Wande

Le ncwadi yemisebenzi yabafundi inemisebenzi elungiselelwe iintsuku ezingama-48 zokufundisa kwikota yoku-1. Kukho imisebenzi yophuhliso lwengqiqo, imisebenzi yomfundi ngamnye kwakunye nemidlalo apho abafundi baya kudlala ngababini okanye ngokwamaqela. Iimpendulo zale misebenzi zingabhalwa kwakule ncwadi.

Imisebenzi ekule ncwadi ibhalwe ngeelwimi ezimbini. Siyathemba ukuba ukusebenzisa iilwimi ezimbini kuya kubanceda abafundi bafunde baze bawaqhele amagama emathematika ngolwimi lwabo lwasekhaya nangesiNgesi. Ukwenza njalo kuya kubaxhobisa bakulungele ukufunda imathematika ubomi babo bonke.

Ukuba abafundi bathi gqolo ukwenza imisebenzi yabo yonke imihla ngazo zonke iikota, baya kuyigqiba yonke ikharithyulam yemathematika yonyaka. Siyathemba ukuba le misebenzi ilapha iya kuba yindlela enoyolo yokubanceda ekufumaneni ulwazi lwemathematika olusisiseko.

Ukuqala kosuku ngalunye olutsha kuboniswe ngebhanile ebomvu.

IVEKI • WEEK
2

USUKU 1 • DAY 1
Ukutshatisa, ukuhlela nokubala ukuya ku-5
Matching, sorting and counting up to 5

Ngezantsi kwebhanile kukho iflowutshathi eshwankathela ukulandelelana kwemisebenzi yolo suku.



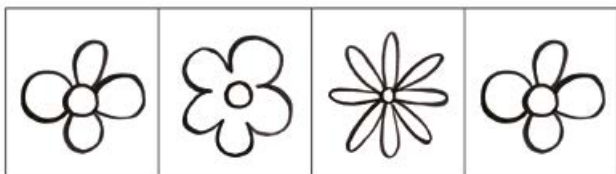
Izibalo zentloko ziya kuba ngumsebenzi wokuqala yonke imihla. Lo msebenzi uya kukhokelwa ngutitshala. Lo mdlalo ungawudlala nangoluphi na ususku lweveki.

Olu phawu lubonisa imisebenzi yophuhliso lwengqiqo neya kukhokelwa ngutitshala.



Onke amanye amaphepha asencwadini alungiselelwe abafundi ukuba basebenzele kuwo ngokunokwabo okanye ngokwamaqela kodwa bekhokelwa kwaye bencediswa ngutitshala. La maphepha ingangamaphepha okusebenzela okanye imidlalo eyenzelwe ukubethelela isigama esifundiswe ngolo suku. Imidlalo iboniswe ngokusebenzisa iikhathuni okanye oopopayi ukubonisa indlela omawudlalwe ngayo umdlalo.

1 Faka imibala kwimifanekiso emibini efanayo.
Colour two pictures that are the same.



Yonke imiyalelo neenkukacha zinikwe ngesiXhosa nangenguqulelo yesiNgesi ngezantsi.

Amaphepha emisebenzi yomfundi anemizekelo esele yenziwe (iboniswa ngombala ongwevu nangepenisile ebomvu).

Usuku lwesi-5 lweveki nganye lulungiselelwe uqukaniso novavanyo.

Using the Bala Wande Learner Activity Book

This Learner Activity Book has activities planned for 48 days of teaching in Term 1. There are concept development activities, individual learner activities and games for learners to play in pairs and groups. Answers to the activities can be written in this book.

The material is presented using a bilingual format. We hope that presenting the activities in two languages will help learners to become familiar with maths words in both their home language and in English. This will equip them for lifelong learning of maths.

If learners work systematically through these workbook-style activities every day and every term, they will cover the whole maths curriculum for the year. We hope that these activities will be a fun way to help them acquire foundational maths knowledge.

The start of each new day is shown with a red banner.

IVEKI • WEEK
2

USUKU 1 • DAY 1
Ukutshatisa, ukuhlela nokubala ukuya ku-5
Matching, sorting and counting up to 5



Underneath the banner is a flow diagram that summarises the sequence of activities for the day.



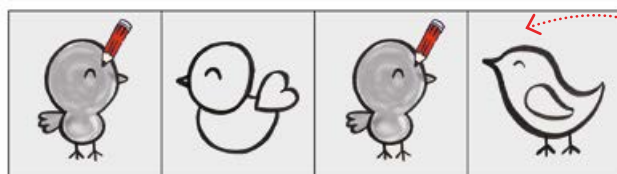
Mental Maths is the first activity every day. The teacher will lead this activity. You can play the game any day of the week.

This icon marks the concept development activity that the teacher will lead.

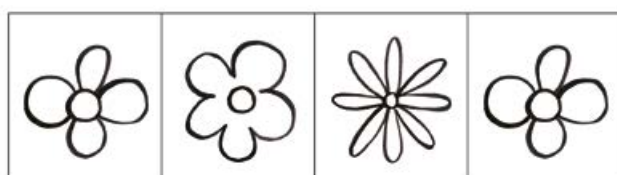


All the other pages in the book are for learners to work on independently or in groups with guidance and support from the teacher. They may be worksheets or games that will consolidate the concepts covered that day. Games are presented using cartoons of learners to show how the game should be played.

1 Faka imibala kwimifanekiso emibini efanayo.
Colour two pictures that are the same.



All instructions and information are given in isiXhosa with an English translation below.



Learner worksheets have a worked example (indicated by the grey background and the red pencil).

Day 5 of each week is planned for consolidation and assessment.



- 1 Ziqhelise ukuzalisa irejista yesiseko samashumi.
Yenza ichokoza kwisakhelo.

Practise completing the base ten register. Draw your dot in a frame.

Irejista yeklasi

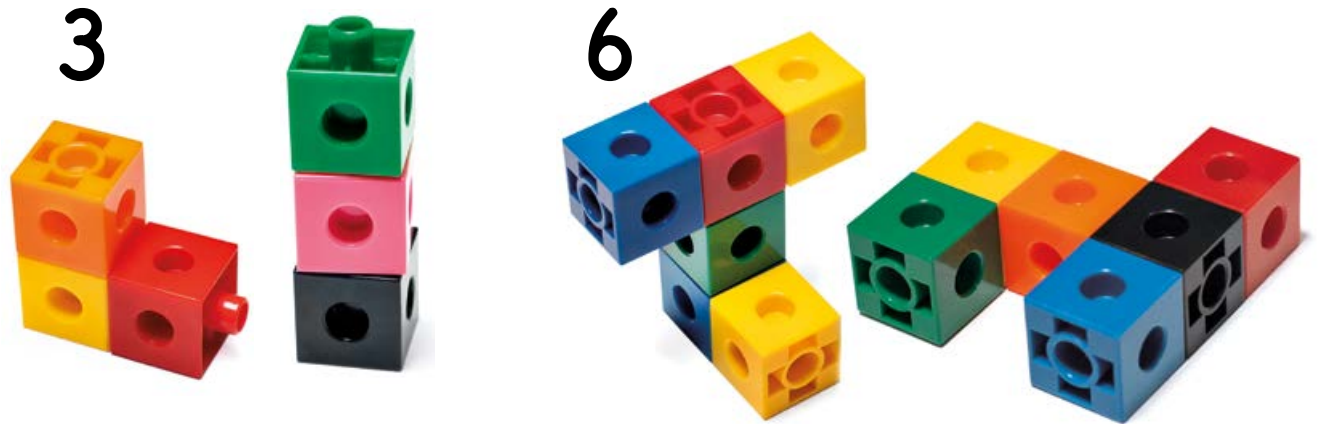
Class register


IREJISTA
REGISTER

YAKHA IIMILO ZAMANANI
BUILD NUMBER SHAPES

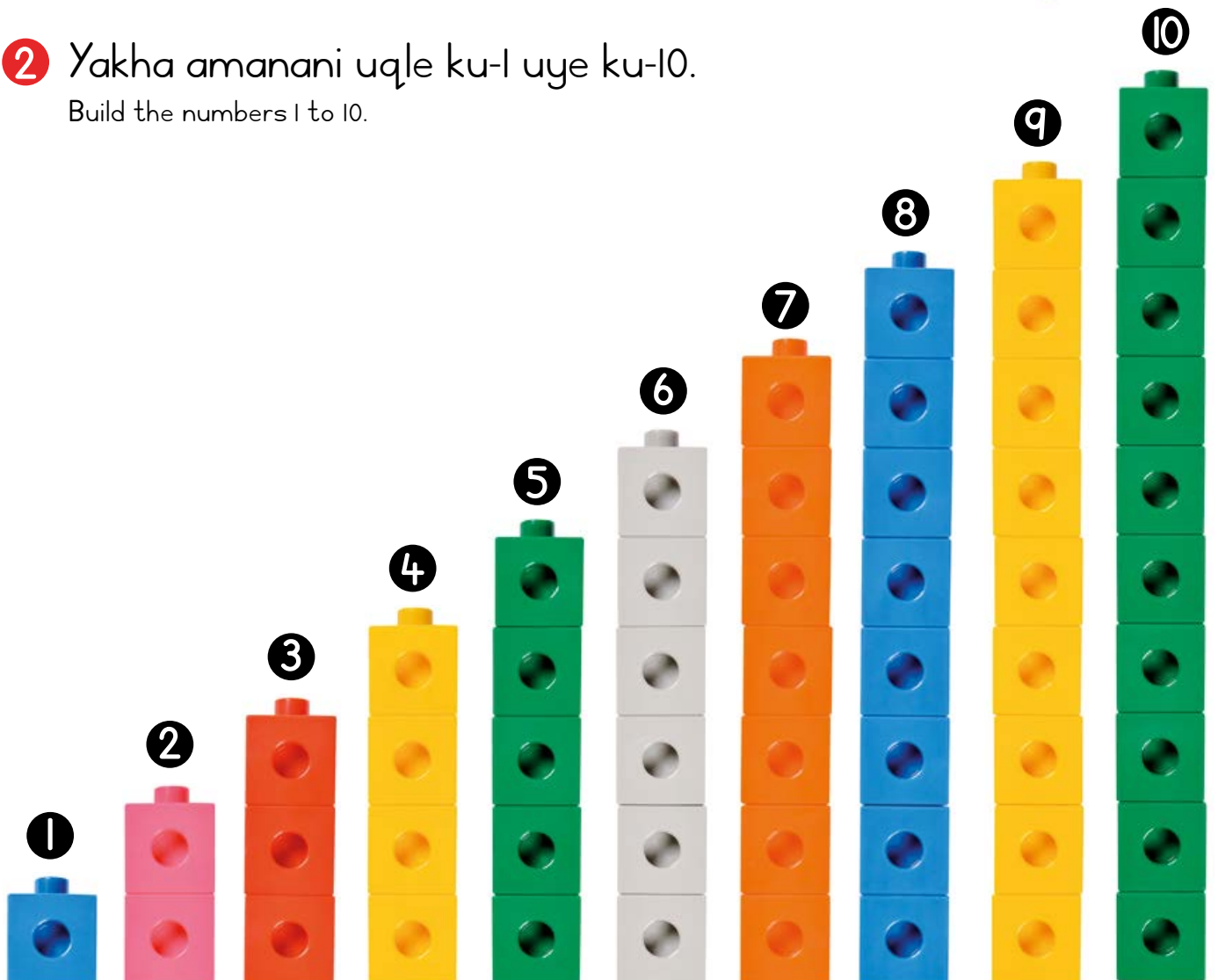
- 1 Sebenzisa iibloko wakhe amanani awenziwe ngeendlela ezahlukileyo.

Use blocks to build numbers made in different ways.



- 2 Yakha amanani uqle ku-1 uye ku-10.

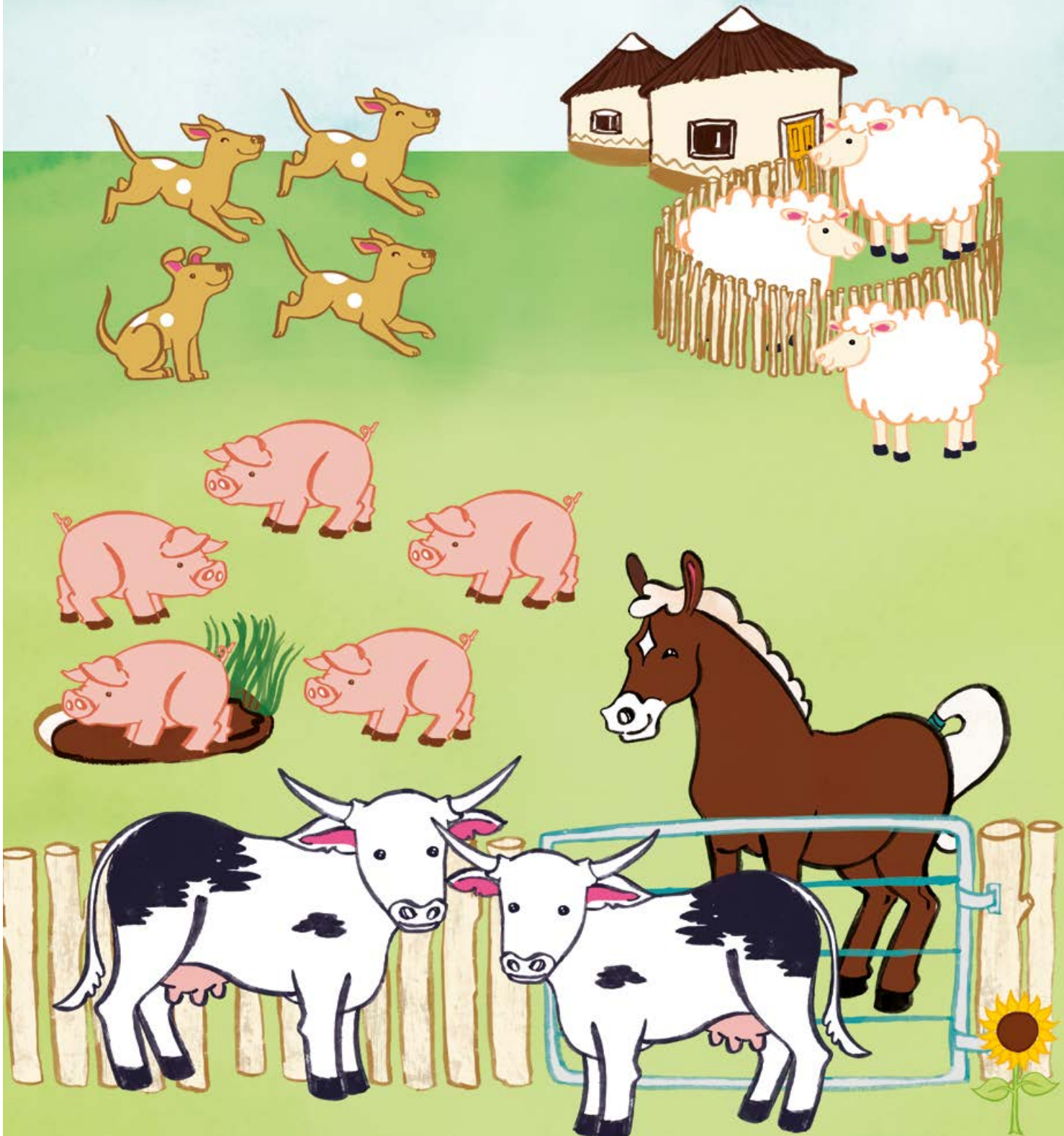
Build the numbers 1 to 10.





1 Bala izilwanyana ezisemfanekisweni. Zingaphi ozibonayo?

Count the animals in the picture. How many do you see?









IZIBALO
ZENTLOKO
MENTAL MATHS

UKULINGANISA
NOKUBONISA AMANANI 1-5
COPY AND SHOW NUMBERS 1-5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

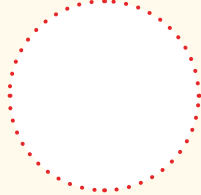
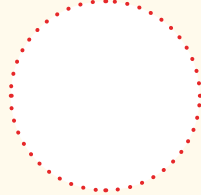
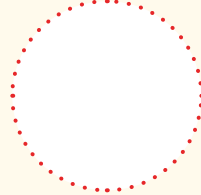
UMDLALO
GAME

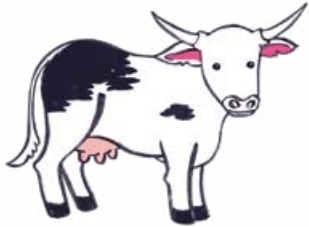
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

Tshatisa uze uhlele.

Match and sort.



				
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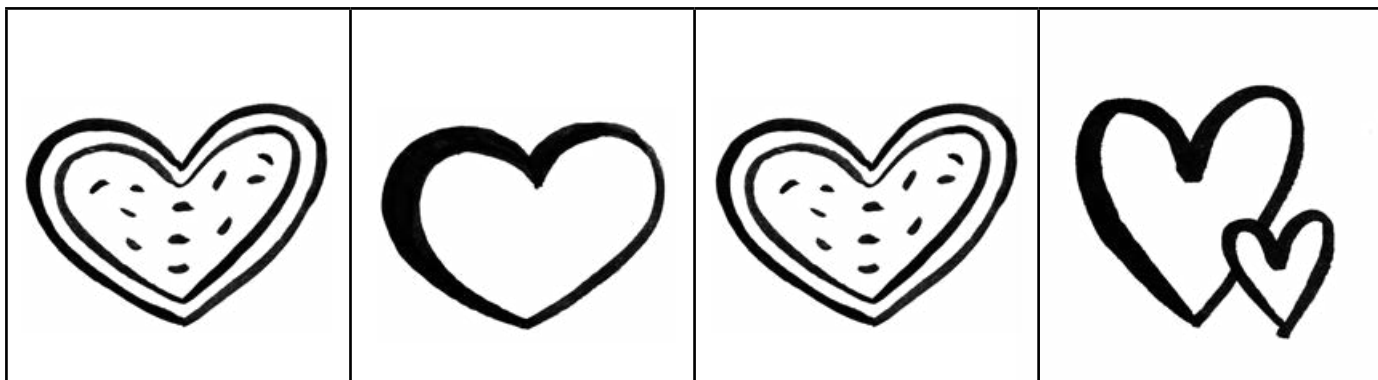
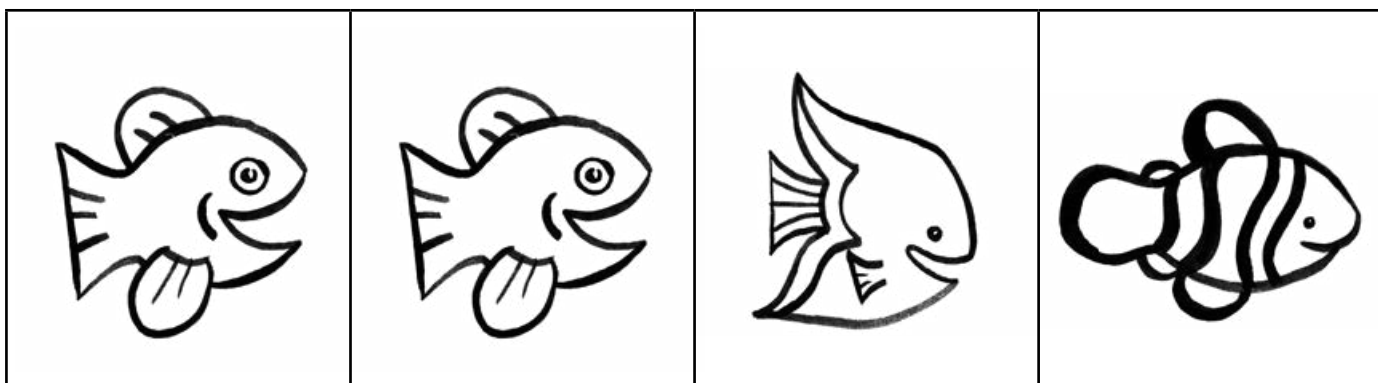
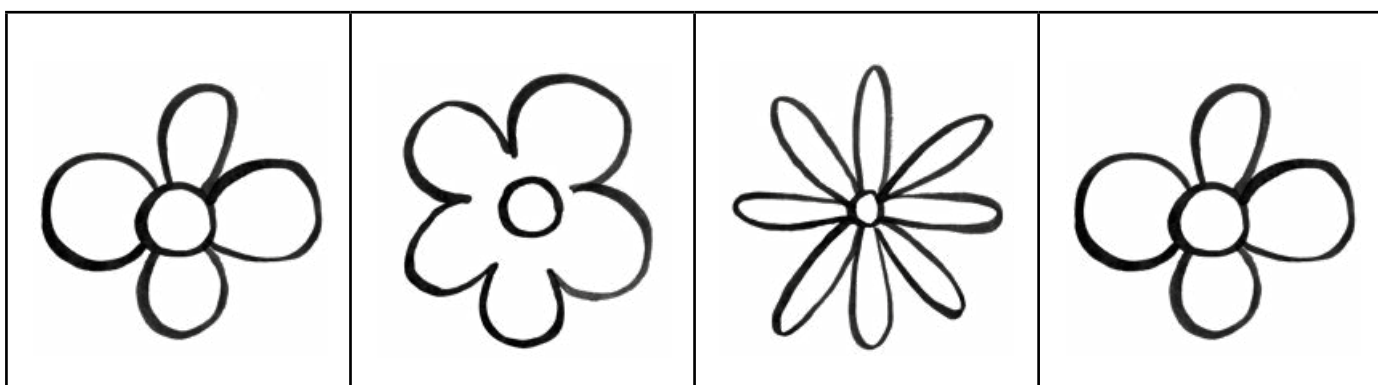
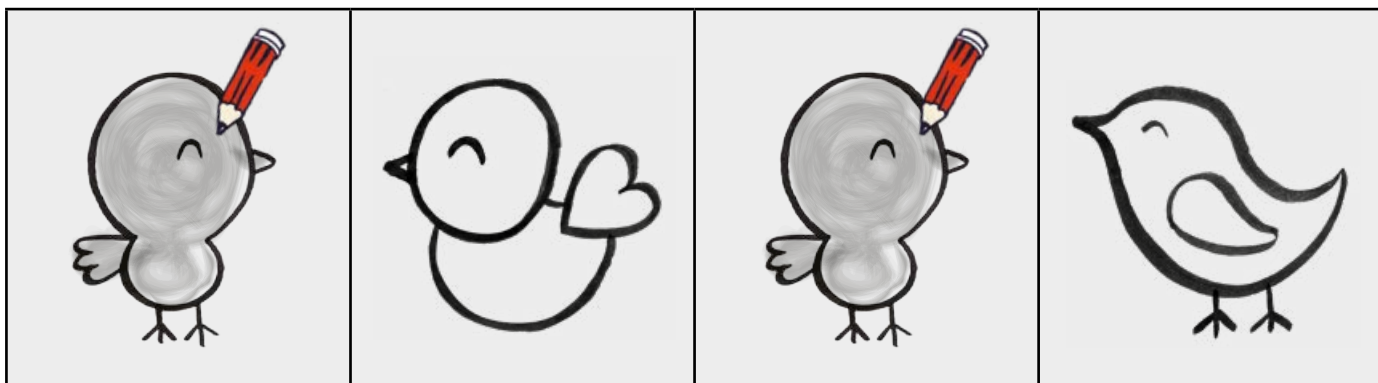
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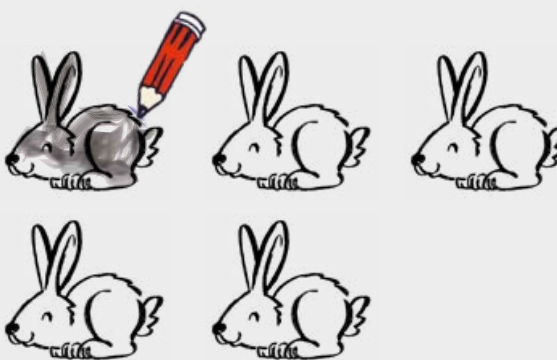
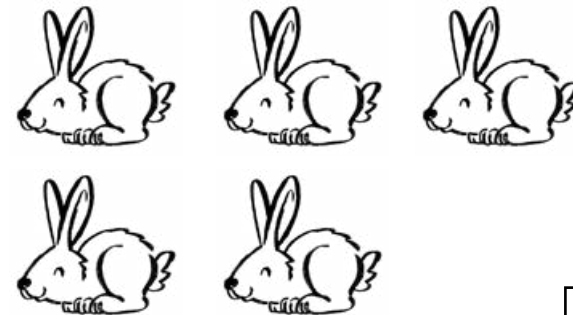
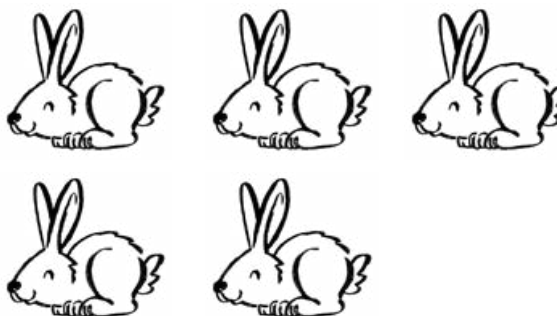
I Faka imibala kwimifanekiso emibini efanayo.

Colour two pictures that are the **same**.



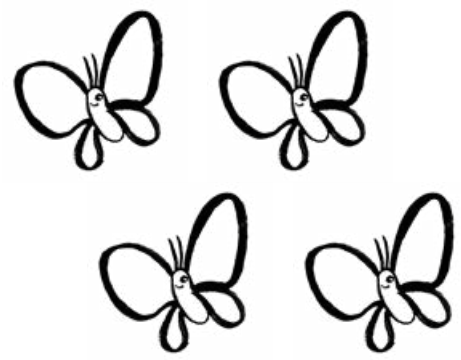
2 Faka umbala kwinani elichanekileyo.

Colour the correct number.

 1	 3
 5	 2

3 Bala.

Count.

 2	 3
 4	 1





IZIBALO
ZENTLOKO
MENTAL MATHS

UKULINGANISA
NOKUBONISA AMANANI 1-5
COPY AND SHOW NUMBERS 1-5

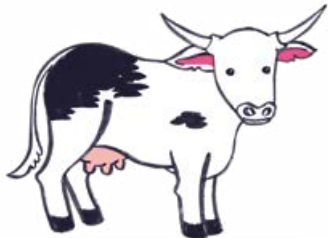
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

IPHEPHA
LOKUSEBENZELA
WORKSHEET

Zeziphi ezininzi izeziphi ezimbalwa?

Which is **more** and which is **less**?



Zeziphi ezininzi izeziphi ezimbalwa?

Which is **more** and which is **less**?



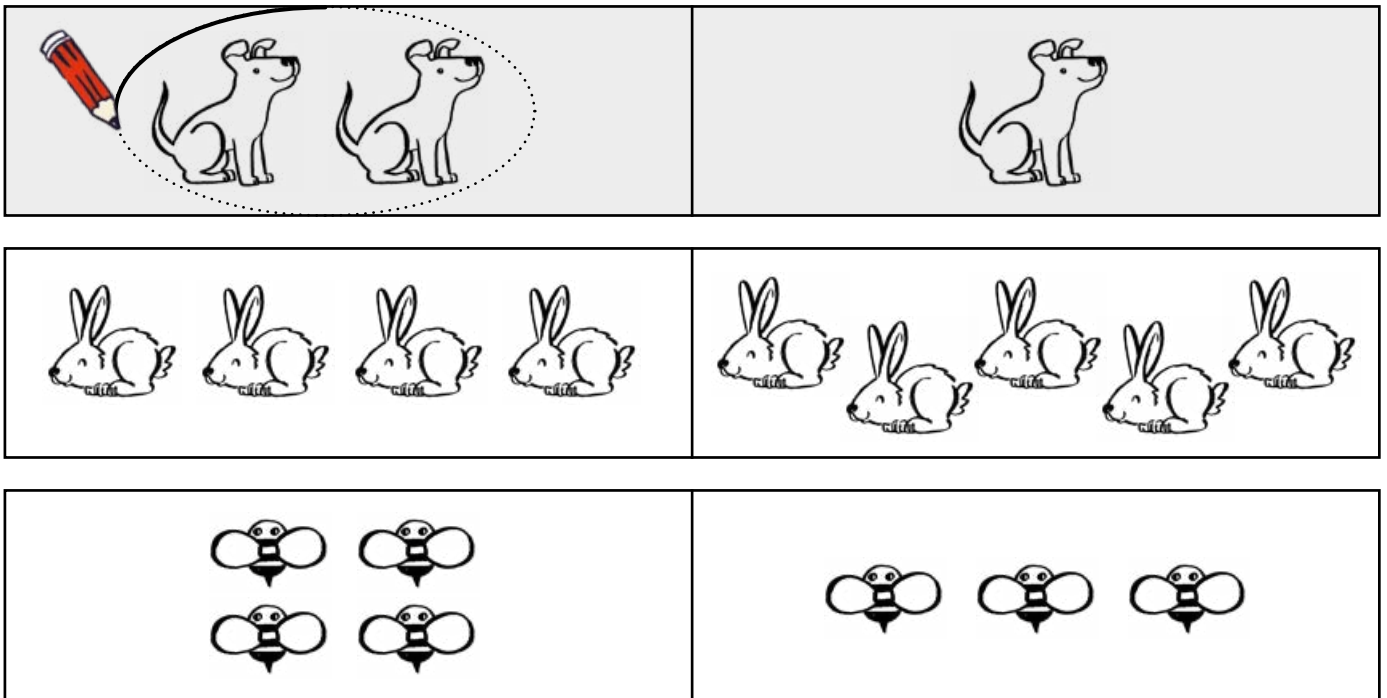
Zeziphi ezininzi izeziphi ezimbalwa?

Which is **more** and which is **less**?



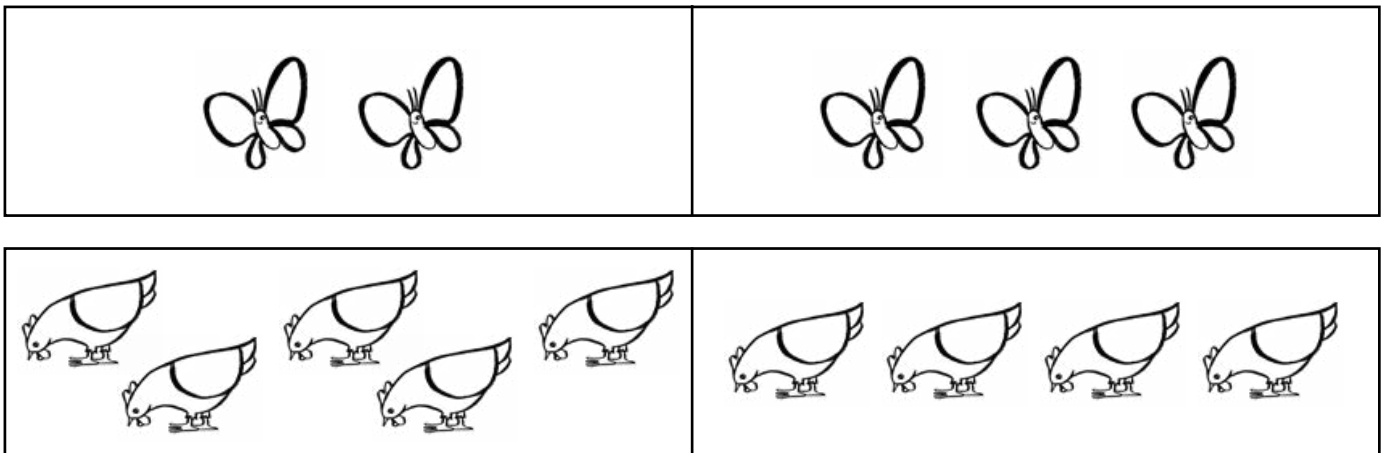
1 Biyela iseti enezininzi.

Circle the set with **more**.



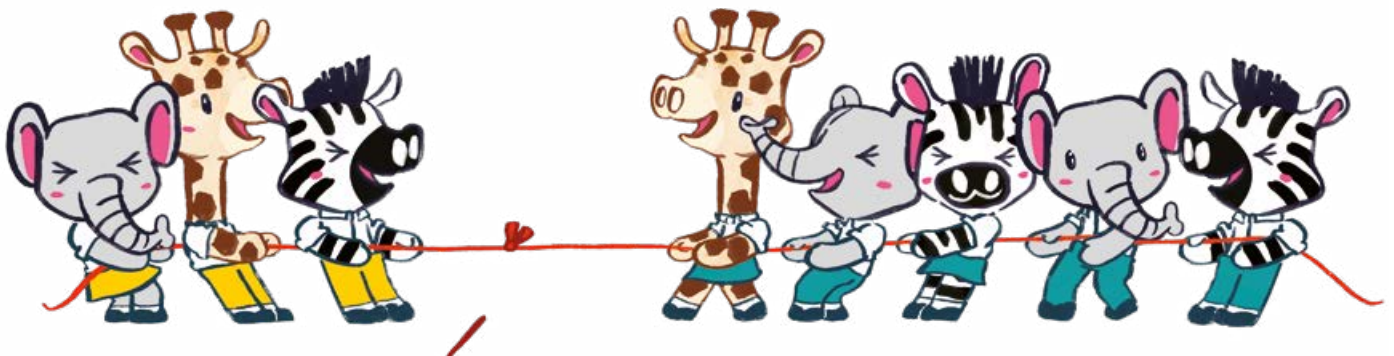
2 Biyela iseti enezimbalwa.

Circle the set with **less**.



3 Ingaba kulungile oku. Ngoba kutheni?

Is this fair? Why?





IZIBALO
ZENTLOKO
MENTAL MATHS

UKULINGANISA
NOKUBONISA AMANANI 1-5
COPY AND SHOW NUMBERS 1-5

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS



Inani lezitulo liyalingana nenani labafundi.

The number of chairs is the **same** as the number of learners.

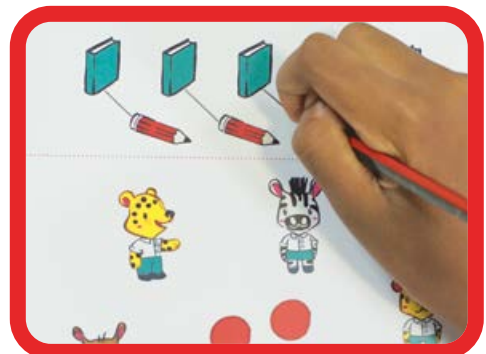
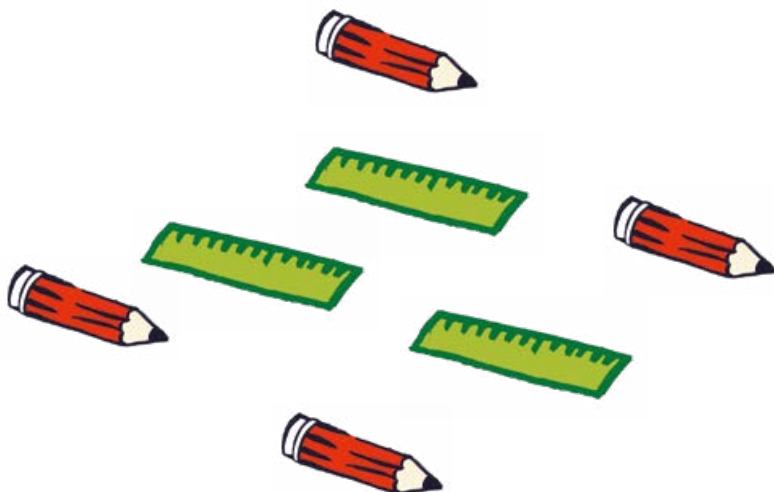
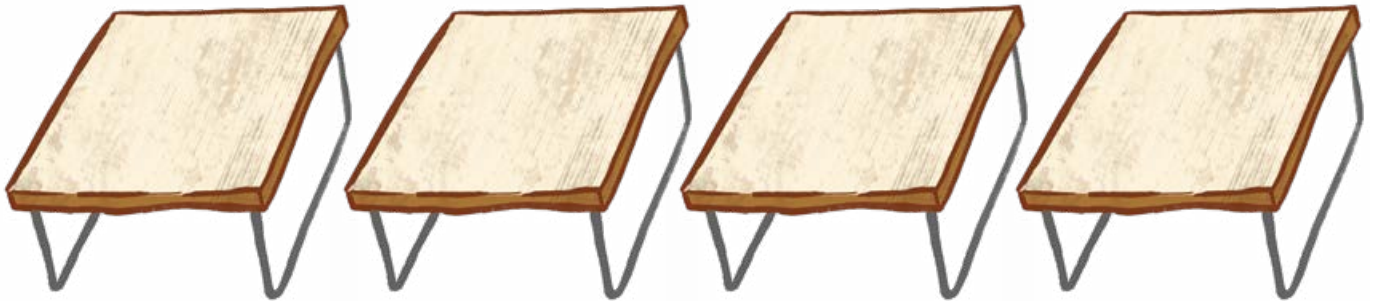


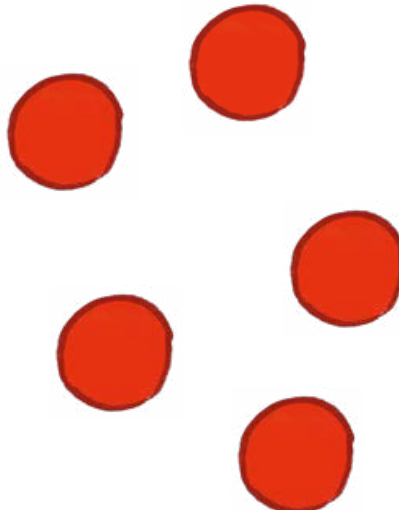
Iibhola zingaphantsi kunabafundi.

There are **less** balls **than** learners.

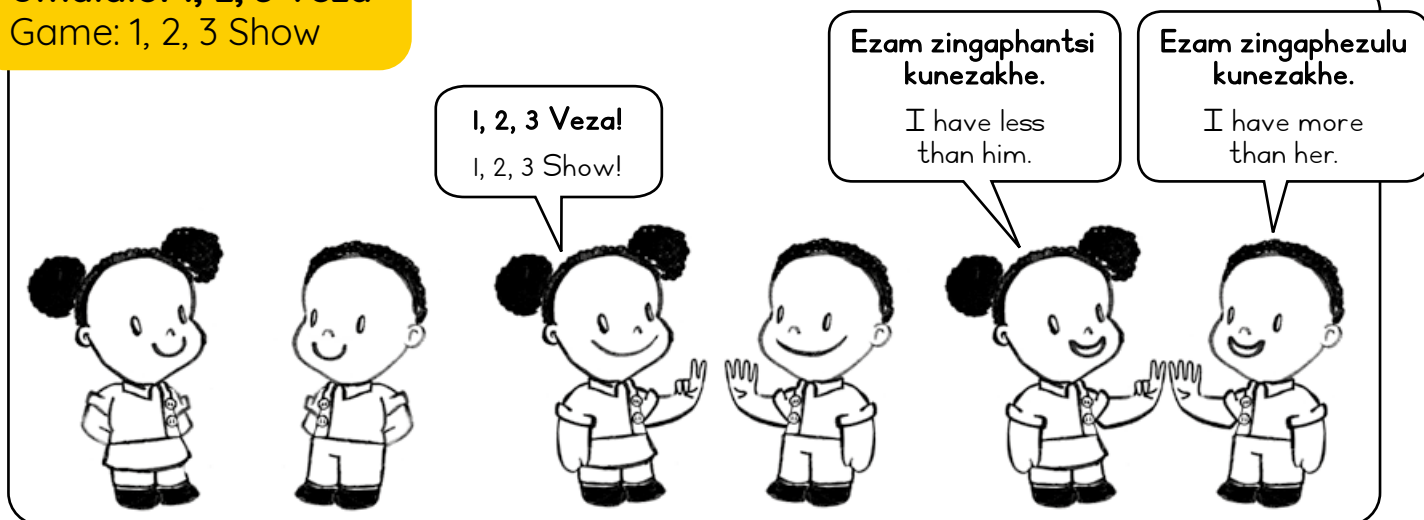
Abafundi bangaphezulu kuneebhola.

There are **more** learners **than** balls.





Umdlalo: 1, 2, 3 Veza
Game: 1, 2, 3 Show

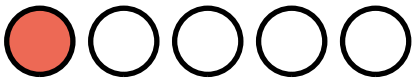
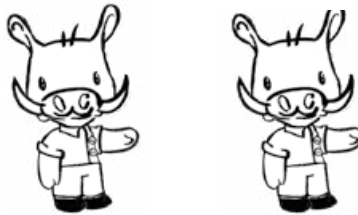
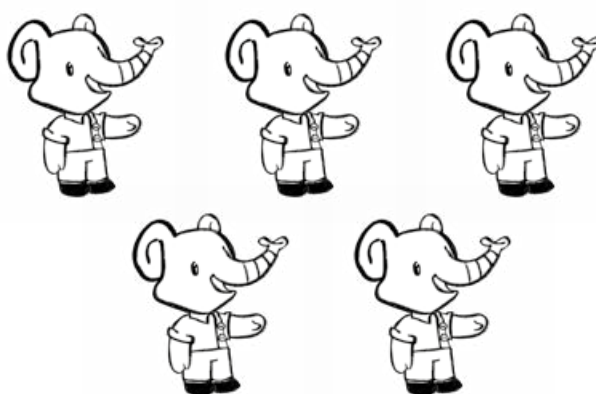
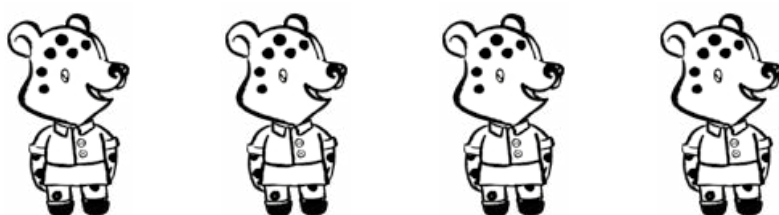


1 Zeziphi iibhokisi ezinezinto ezilinganayo?
Phawula nge-✓ iibhokisi ezinezinto ezilinganayo.

Which boxes have the **same** number of objects? Put a tick ✓ in the boxes with the **same** number of objects.

2 Tshatisa imifanekiso nenani elilinganayo lamachokoza anombala.

Match the pictures to the **same** number of shaded dots.

IZIBALO
ZENTLOKO
MENTAL MATHS

UKULINGANISA
NOKUBONISA AMANANI 1-5
COPY AND SHOW NUMBERS 1-5

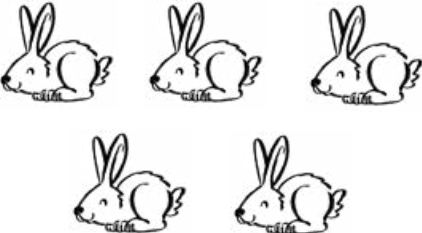
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

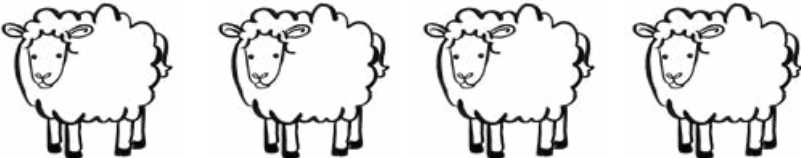
1 Mingaphi imivundla? Bigela inani elichanekileyo.

How many rabbits? Circle the correct number.

	 1 2 3
	1 2 3 4 5
	1 2 3 4
	1 2 3 4

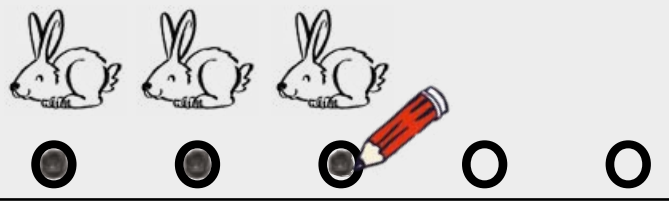
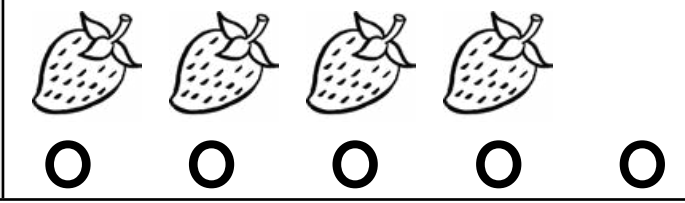
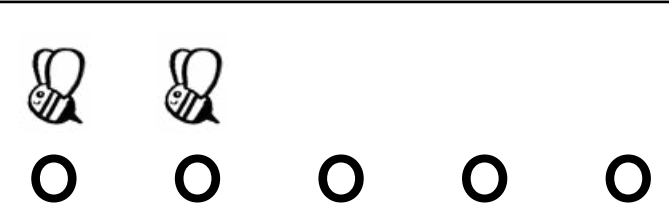
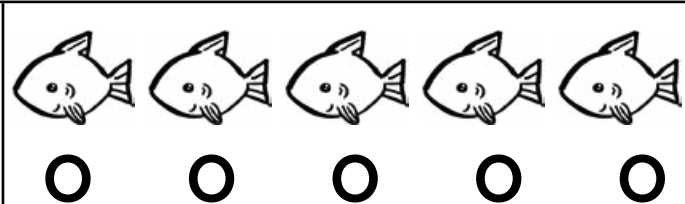
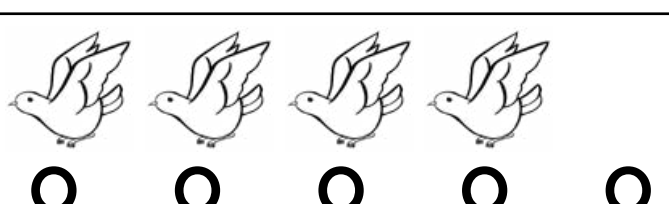
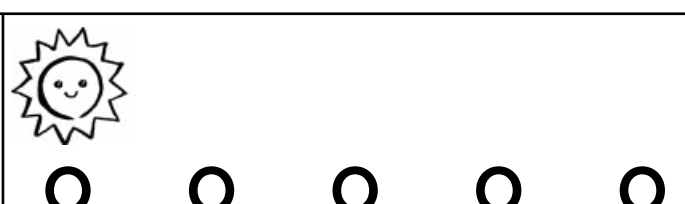
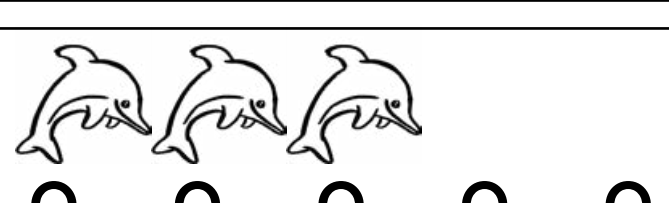
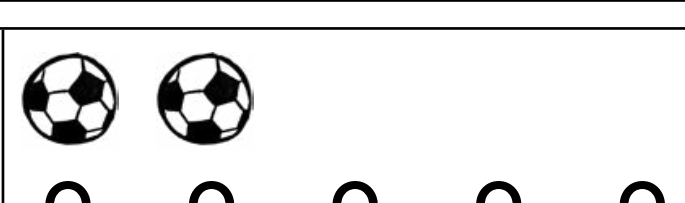
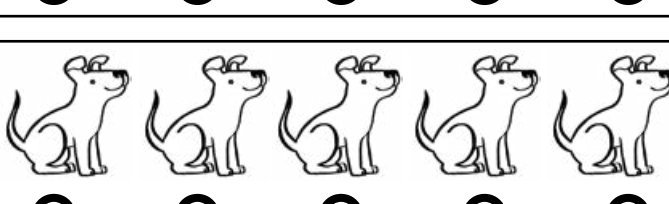
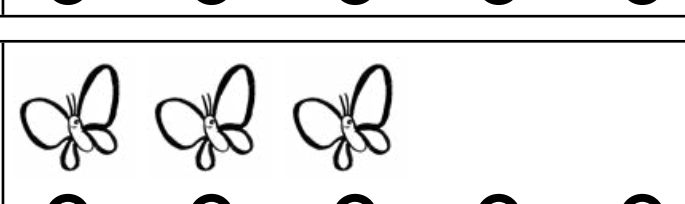
2 Bala. Biyela inani elichanekileyo.

Count. Circle the correct number.

	 1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5
	1 4 3 2 5

1 Fakela umbala kwinani le-**O** elifana nenani lezinto ezikhoyo.

Colour the **same** number of **O** as the number of objects.

2 Zeziphi ezininzi?

Which is **more**?

	okanye	
	or	
	okanye	
	or	

3 Zeziphi ezimbalwa?

Which is **less**?

	okanye	
	or	
	okanye	
	or	

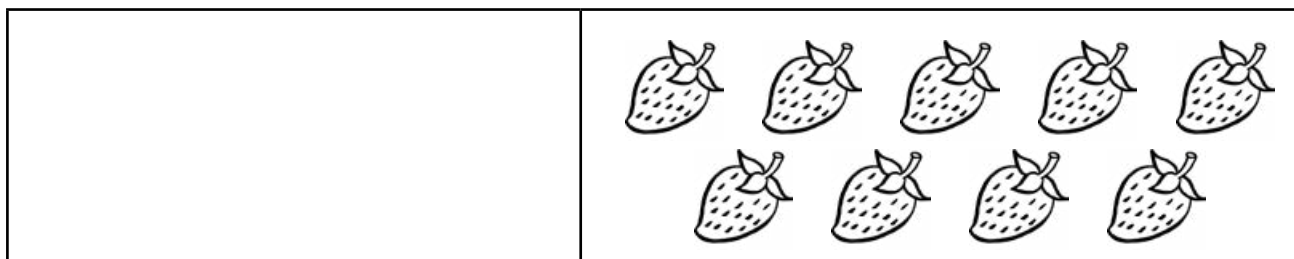
4 Zoba isikwere esikhulu esinye.

Draw one big square.



Fakela umbala kwiqunube elinye.

Colour one strawberry.



5 Bala. Bigela inani elichanekileyo.

Count. Circle the correct number.

	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5
	1 2 3 4 5

IZIBALO
ZENTLOKO
MENTAL MATHS

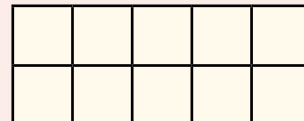
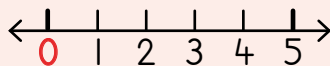
AMANANI 0
UKUYA KU-5
NUMBERS 0-5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

nothi
zero



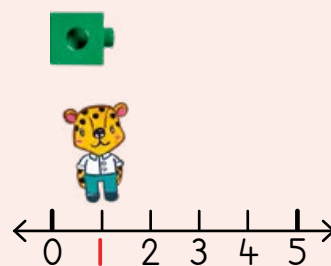
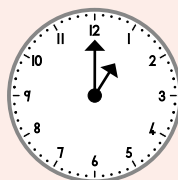
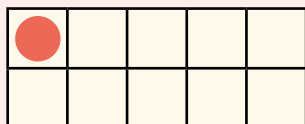
1 Sebenzisa iminwe yakho umise la manani. Treyisa.

Use your fingers to make these numbers. Trace.

	0	
	1	1
	2	2
	3	3
	4	4
	5	5

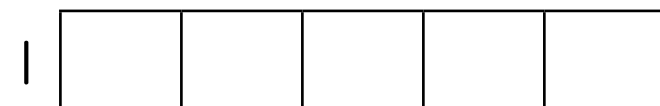
nye

one



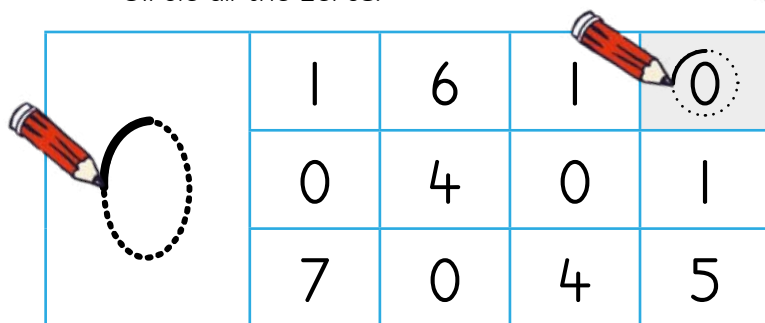
2 Fakela umbala kwinani leebloko.

Colour in the number of blocks.



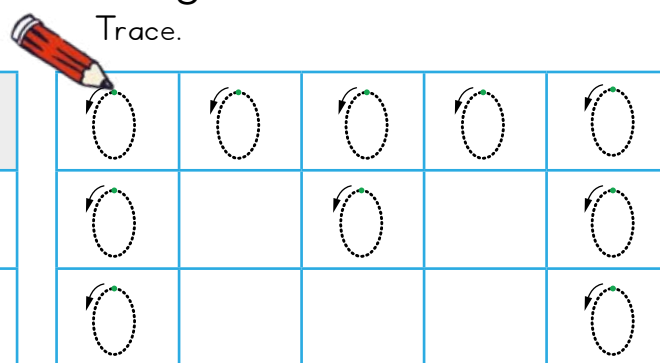
3 Biyela bonke oonothi (0).

Circle all the zeros.



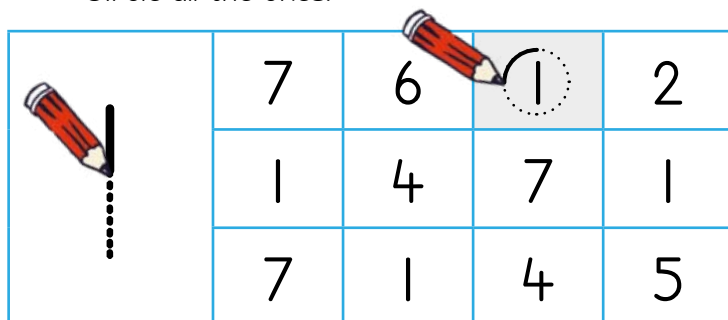
Treyisa.

Trace.



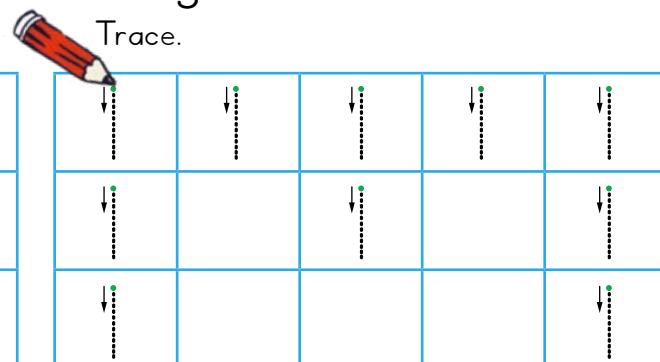
4 Biyela bonke oononye.

Circle all the ones.



Treyisa.

Trace.



Leliphi inani? What number?



IZIBALO
ZENTLOKO
MENTAL MATHS

AMANANI 0
UKUYA KU-5
NUMBERS 0-5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

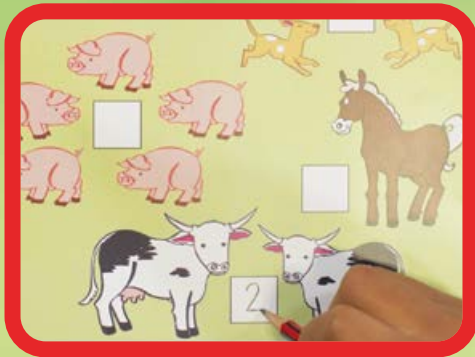
UMDLALO
GAME

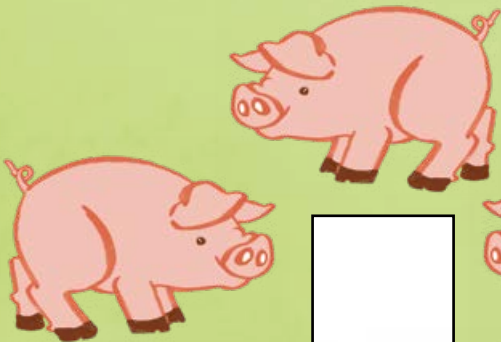
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

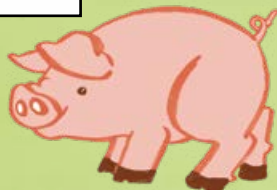




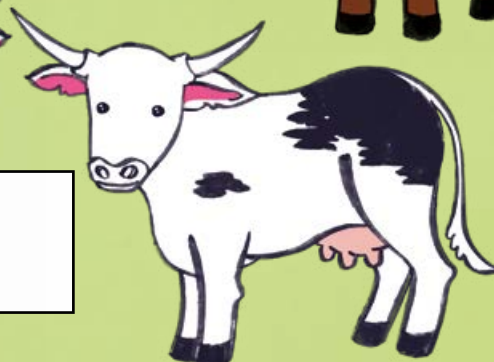
1	2	3	4	5





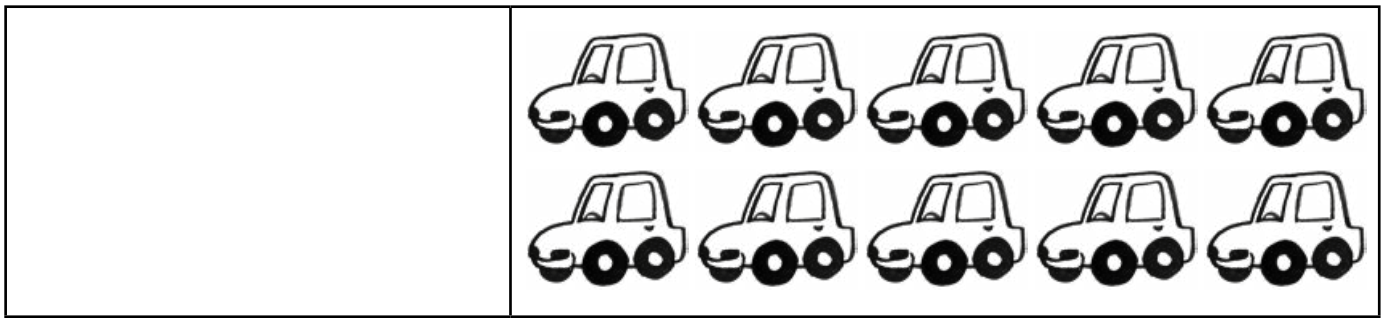






1 Yenza izangqa ezibini.
Draw 2 circles. 

Fakela umbala kwiimoto ezi-2.
Colour 2 cars.



Biyela boonke oonombini.
Circle all the twos.

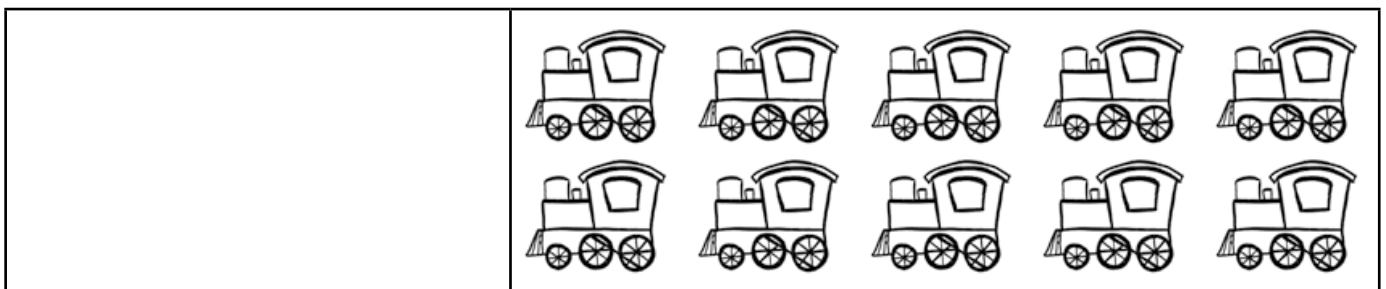
Treyisa.
Trace.

	2	4		4
	4	3	7	1
	1	5	2	3

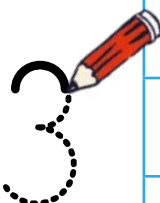
2 Yenza izikwere ezi-3.
Draw 3 squares. 

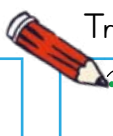
Fakela umbala koololiwe aba-3.
Colour 3 trains.



Biyela boonke oonontathu.
Circle all the threes.

Treyisa.
Trace.

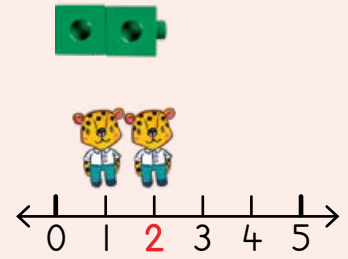
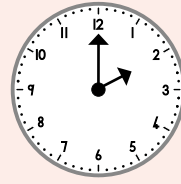
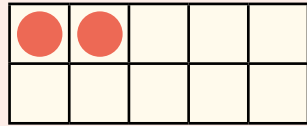
	4	4	2	4
	2		7	1
	1	5	3	3

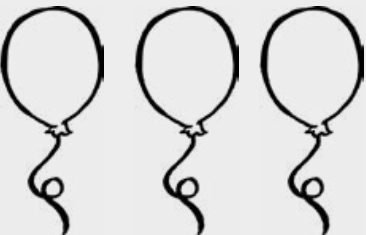
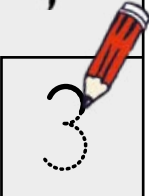
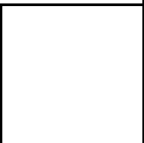
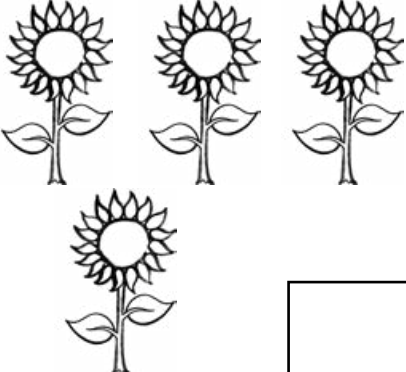
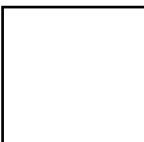
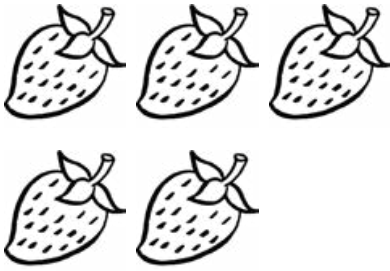
mbini

two

2



3 Bala. Bhala inani.
Count. Write the number.

IZIBALO
ZENTLOKO
MENTAL MATHS

AMANANI 0
UKUYA KU-5
NUMBERS 0-5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

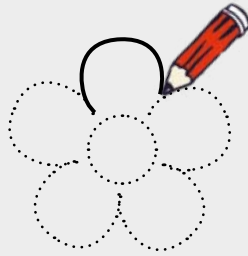
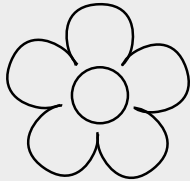
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

I Zoba imifanekiso.

Draw pictures.

Intyatyambo e-1

1 flower



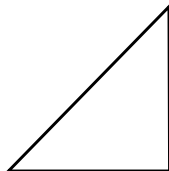
Iimbuso ezi-2

2 faces



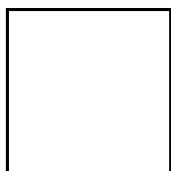
Oonxantathu aba-3

3 triangles



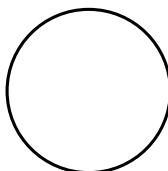
Izikwere ezi-4

4 squares

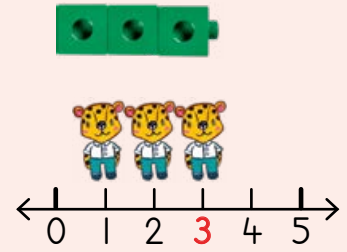
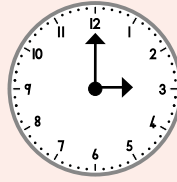
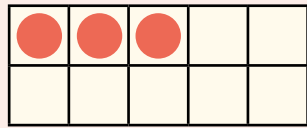


Izangqa ezi-5

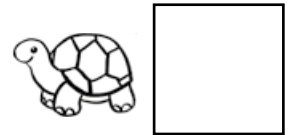
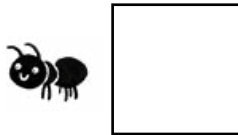
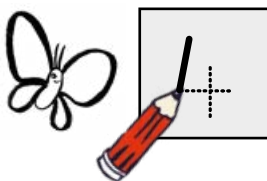
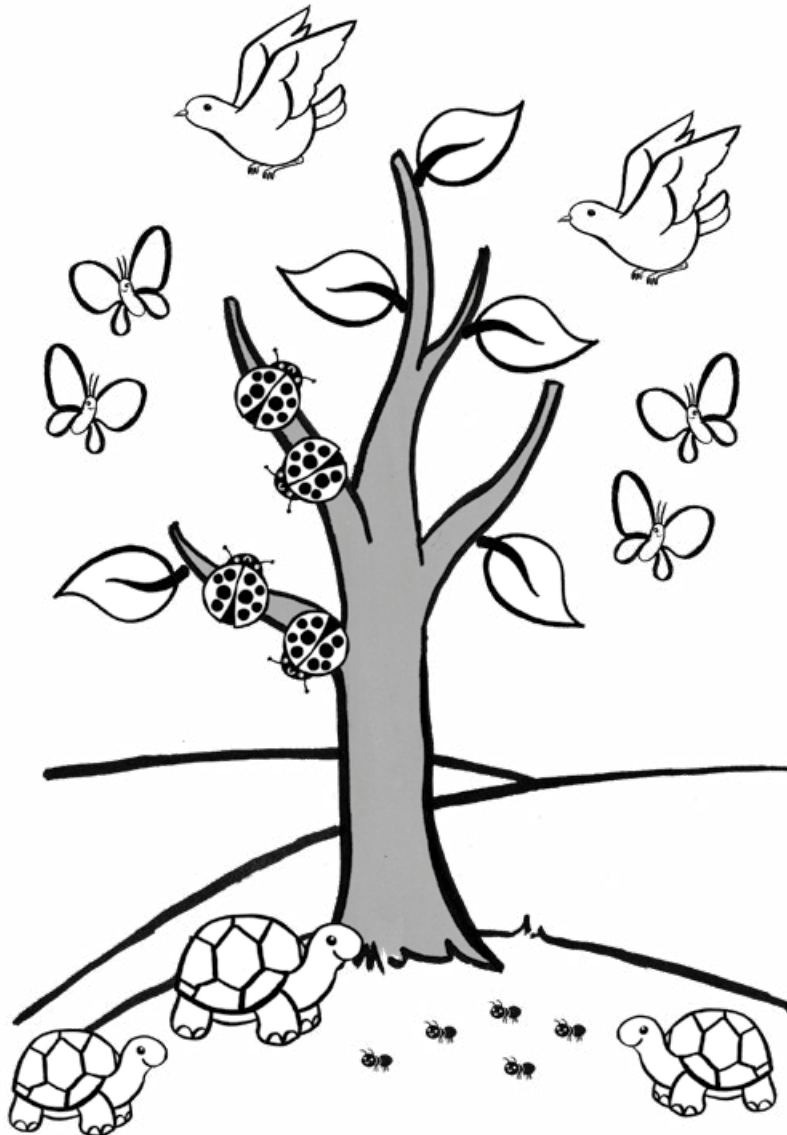
5 circles



nthathu
three
3

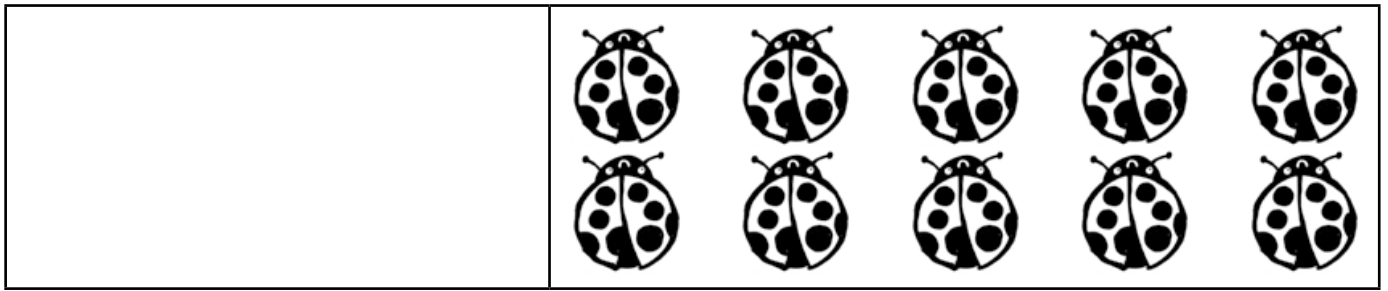


2 Bala.
Count.



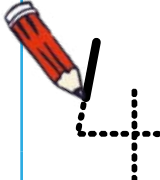
3 Zoba izikwere ezi-4.
Draw 4 squares. 

Fakela umbala koobhantom aba-4.
Colour 4 ladybirds.

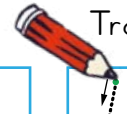


Biyela bonke oo-4.
Circle all the 4s.

Treyisa.
Trace.



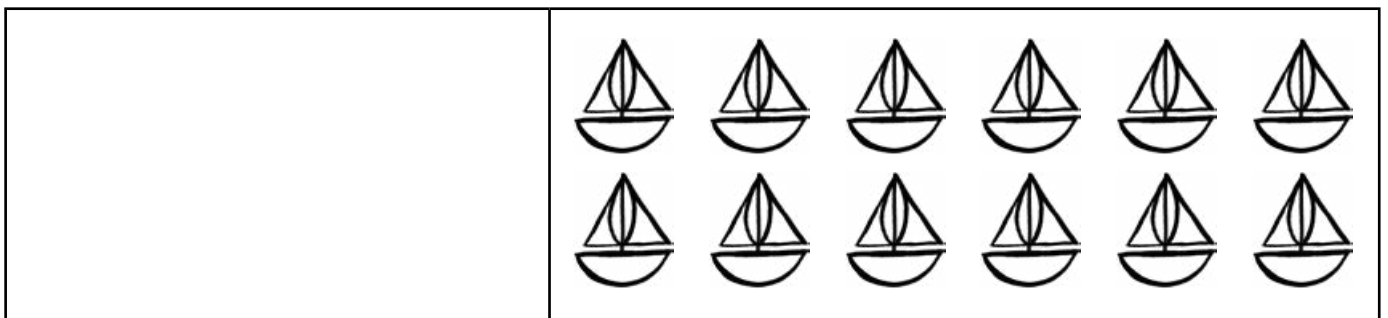
2	5	4	6
4	3	7	1
1	5	4	3



4		4		4
4		4		4
4				4

4 Zoba oonxantathu aba-5.
Draw 5 triangles. 

Fakela umbala kwizikhephe ezi-5.
Colour 5 boats.



Biyela bonke oo-5.
Circle all the 5s.

Treyisa.
Trace.



1	3	5	2
5	2	6	3
4	5	4	5



5	5	5	5	5
5		5		5
5				5



0 nothi
zero

1 nye
one



2 mbini
two





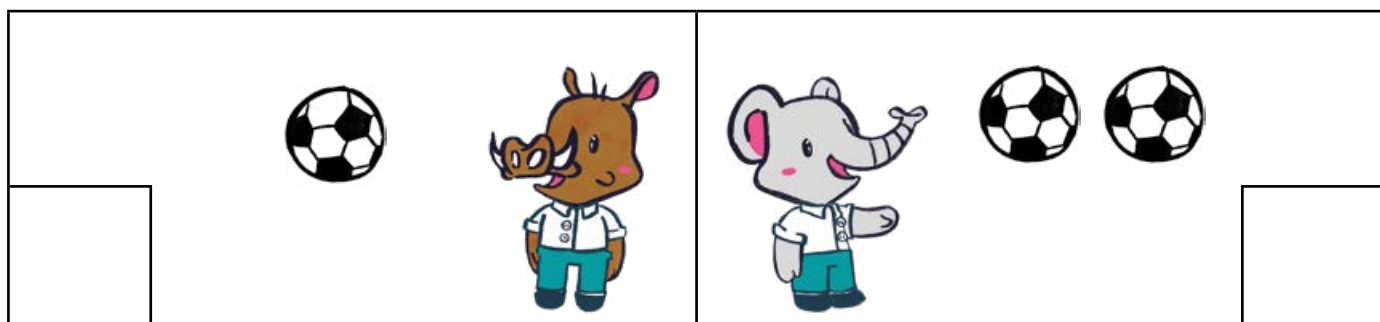
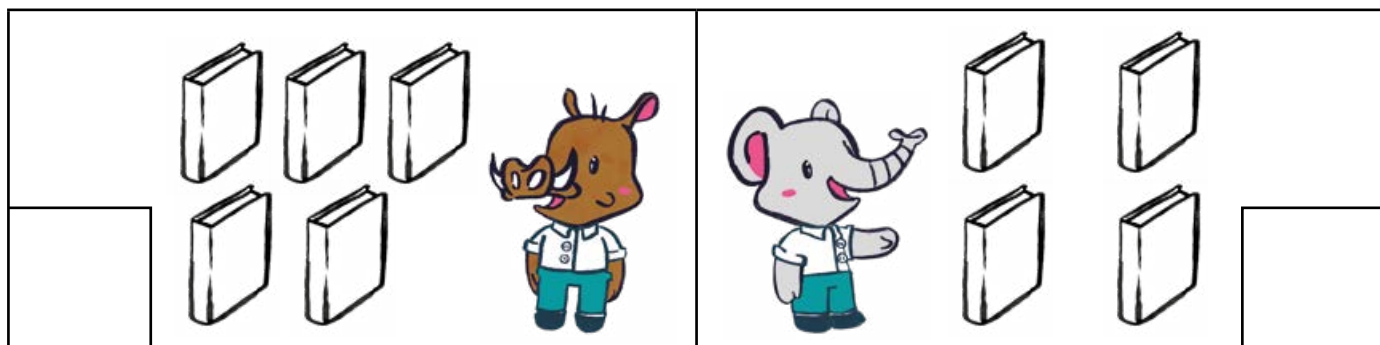
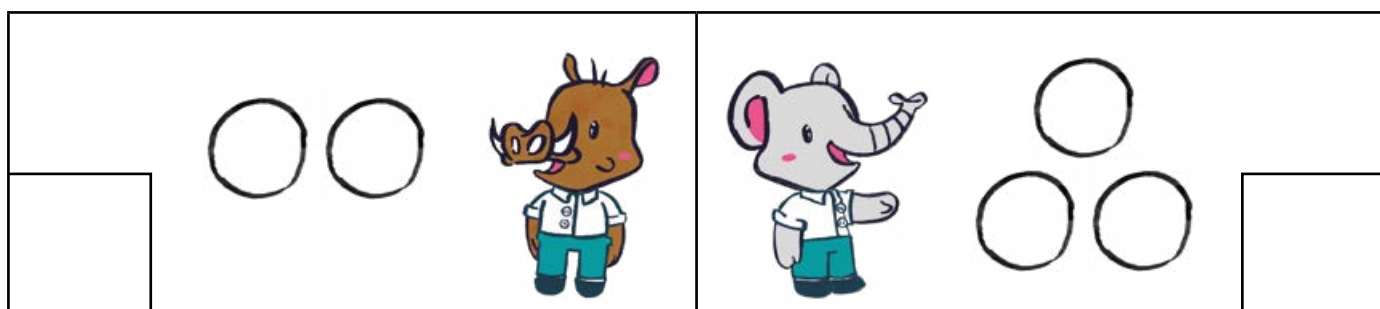
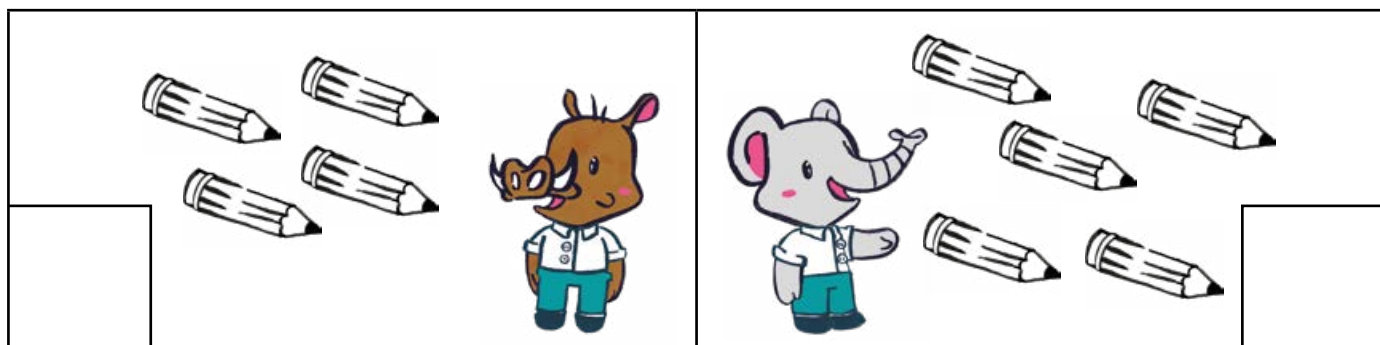
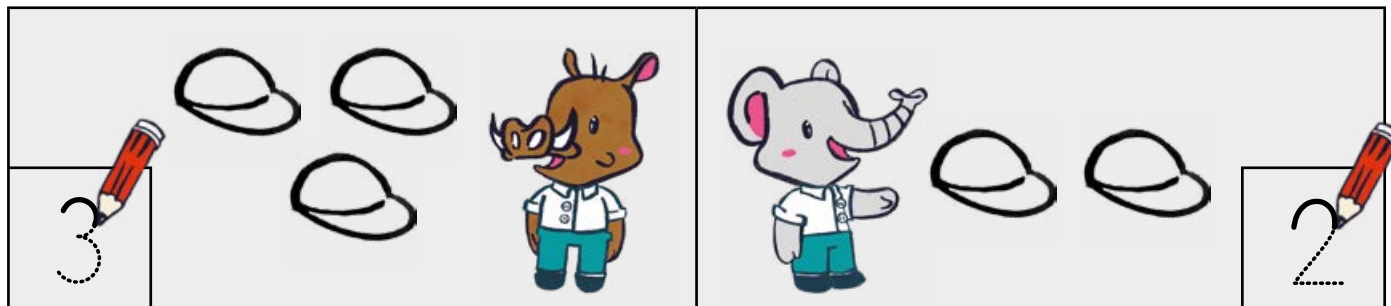
3 ntathu
three

4 ne
four

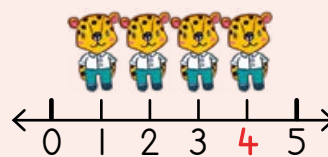
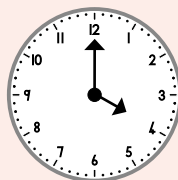
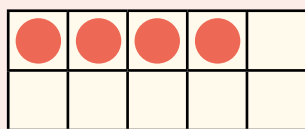
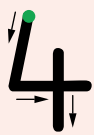
5 ntlanu
five

1 Bhala ukuba isilwanyana ngasinye sinezinto ezingaphi.

Write how many objects each animal has.



ne
four



Umdlalo: Ngubani onenani elikhulu?

Game: Who has the bigger number?

- 1 Xubani amakhadi 0–5 enu.

Mix your 0–5 cards.



- 2 Guqula ikhadi eli-umntu ngamnye. Leliphi ikhadi elinenani elikhulu?

Turn over 1 card each.
Which card has the **bigger** number?

Elam
likhudlwana.
Mine
is bigger.



- 3 Umfundi onekhadi elinenani elikhulu uwagcina omabini amakhadi. Ukuba ayafana, umfundi ngamnye ugcina ikhadi elinye.

The learner whose card has the **bigger** number keeps both cards.
If they are the same keep one card each.



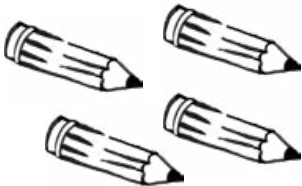
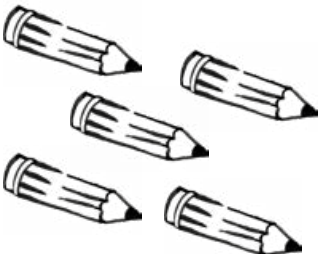
- 4 Umntu ophumeleleyo ngulowo unamakhadi amaninzi.

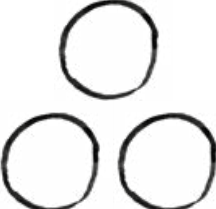
The winner is the one who has **more** cards.

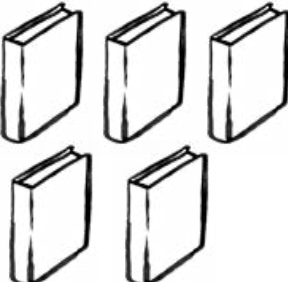
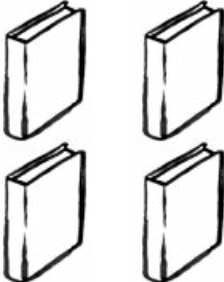
1 Biyela isilwanyana esinezinto ezininzi.

Circle the animal that has more.

 3	 2
--	--

 4	 5
---	---

 2	 3
--	--

 5	 4
--	--

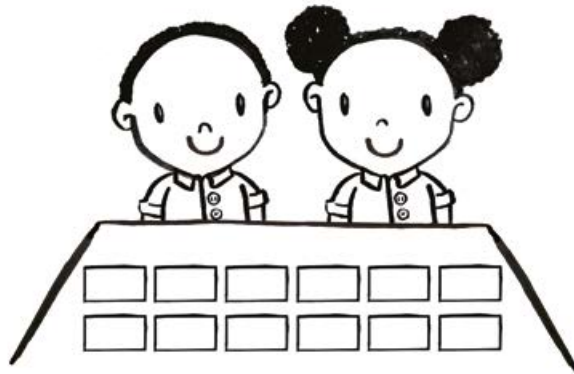
 1	 2
--	--

Umdlalo: Umdlalo okhumbuzayo otshatisa amanani

Game: Matching numbers memory game

- 1 Sebenzisa amakhadi akho amanani aqala ku-0 aye ku-5 kunye namakhadi amachokoza ukuze udlale lo mdlalo.

Use your 0 to 5 number cards and dot cards to play this game.



- 2 Guqula ikhadi lenani elinye nekhadi lechokoza elinye. Ukuba awafani phinda uwaguqule.

Turn over one number card and one dot card. If they don't match turn them back over.



- 3 Ukuba ayafana wagcine amakhadi.

If they do match keep the cards.



- 4 Umntu ophumeleleyo ngulowo unamakhadi amaninzi.

The winner is the one who has more cards.

IZIBALO
ZENTLOKO
MENTAL MATHS

INGAPHEZULU KUNE-;
INGAPHANTSI KUNE-
MORE THAN AND LESS THAN

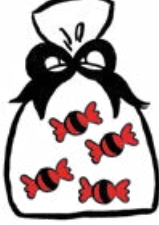
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Tshatisa.

Match.

0		zintathu three
1		zintlanu five
2		zimbini two
3		nothi zero
4		zine four
5		inye one

2 Treyisa amagama amanani.

Trace the number names.

	0	 nothi zero
	1	inye one
	2	zimbini two
	3	zintathu three
	4	zine four
	5	zintlanu five



IZIBALO
ZENTLOKO
MENTAL MATHS

INGAPHEZULU KUNE-;
INGAPHANTSI KUNE-
MORE THAN AND LESS THAN

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

Nanku uloliwe oneebloko ezi-3.

Here is a train of 3 blocks.



Yenza uloliwe oneebloko ezingaphezulu ngo-1.

Make a train with 1 **more** block.



Zingaphi iibloko kuloliwe wakho?

How many blocks are there in your train?

4

Nanku uloliwe oneebloko ezi-3.

Here is a train of 3 blocks.



Yenza uloliwe oneebloko ezi-2 ngaphezulu.

Make a train with 2 **more** blocks.



Zingaphi iibloko kuloliwe wakho?

How many blocks are there in your train?

5

Bala uze uthelekise.

Count and compare.



U-5 mkhulu kuno-3.

5 is **bigger** than 3.



U-3 mncinane kuno-5.

3 is **smaller** than 5.

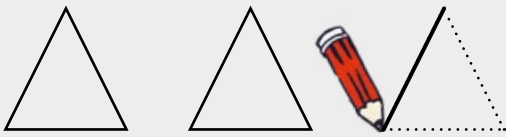
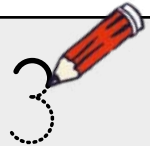
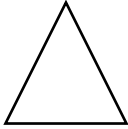
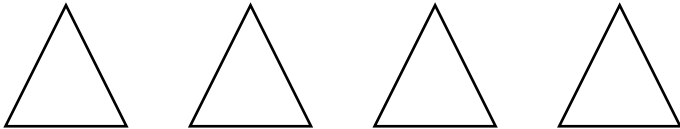
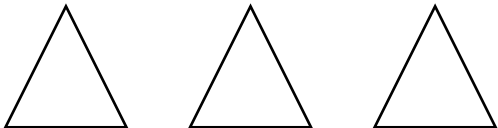


1 Yenza abe-1 ngaphezulu.

Draw 1 **more**.

Bangaphi zizonke?

How many altogether?

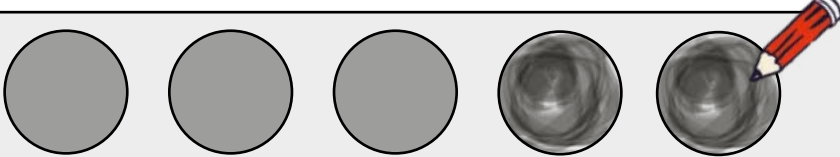
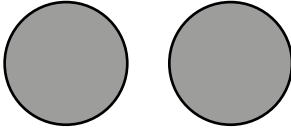
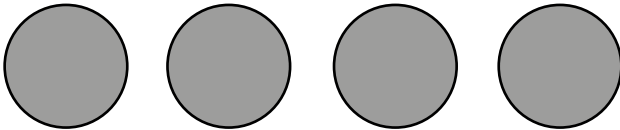
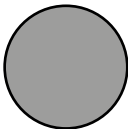
	
	
	
	

2 Yenza ama-2 ngaphezulu.

Draw 2 **more**.

Mangaphi ewonke?

How many altogether?

3	Mangaphi? How many?	Yenza libe-1 ngaphezulu. Draw 1 more ●.	Mangaphi ngoku? How many now?

4	Mangaphi? How many?	Yenza ama-2 ngaphezulu. Draw 2 more ●.	Mangaphi ngoku? How many now?



IZIBALO
ZENTLOKO
MENTAL MATHS

INGAPHEZULU KUNE-;
INGAPHANTSI KUNE-
MORE THAN AND LESS THAN

UPHUHLISO
LWENGQIQQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

Nanku uloliwe weebloko ezi-3.

Here is a train of 3 blocks.



Yenza uloliwe abe neebloko ezingaphantsi ngo-1.

Make a train with 1 **less** blocks.



Zingaphi iibloko ezikuloliwe wakho?

How many blocks are there in your train?

2

Nanku uloliwe weebloko ezi-3.

Here is a train of 3 blocks.



Yenza uloliwe abe neebloko ezingaphantsi ngo-2.

Make a train with 2 **less** blocks.



Zingaphi iibloko ezikuloliwe wakho?

How many blocks are there in your train?

1

Bala uze uthelekise.

Count and compare.



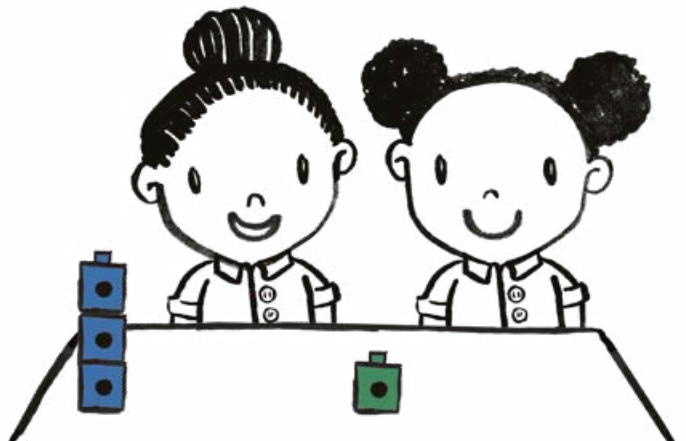
U-3 mkhulu kuno-1.

3 is **bigger** than 1.



U-1 mncinane kuno-3.

1 is **smaller** than 3.



1 Yenza zibe ngaphantsi nge-1.

Make 1 less.

Zingaphi eziseleyo?

How many left?

2 Yenza zibe ngaphantsi ngezi-2.

Make 2 less.

Zingaphi eziseleyo?

How many left?

3	Mangaphi? How many?	Yenza ama-● abe ngaphantsi ngo-1. Draw one less ●.	Mangaphi ngoku? How many now?

4	Mangaphi? How many?	Yenza ama-● abe ngaphantsi ngo-2. Draw two less ●.	Mangaphi ngoku? How many now?

Incinci kuna- okanye inkulu kuna- Smaller than and bigger than

IZIBALO
ZENTLOKO
MENTAL MATHS

INGAPHEZULU KUNE-;
INGAPHANTSI KUNE-
MORE THAN AND LESS THAN

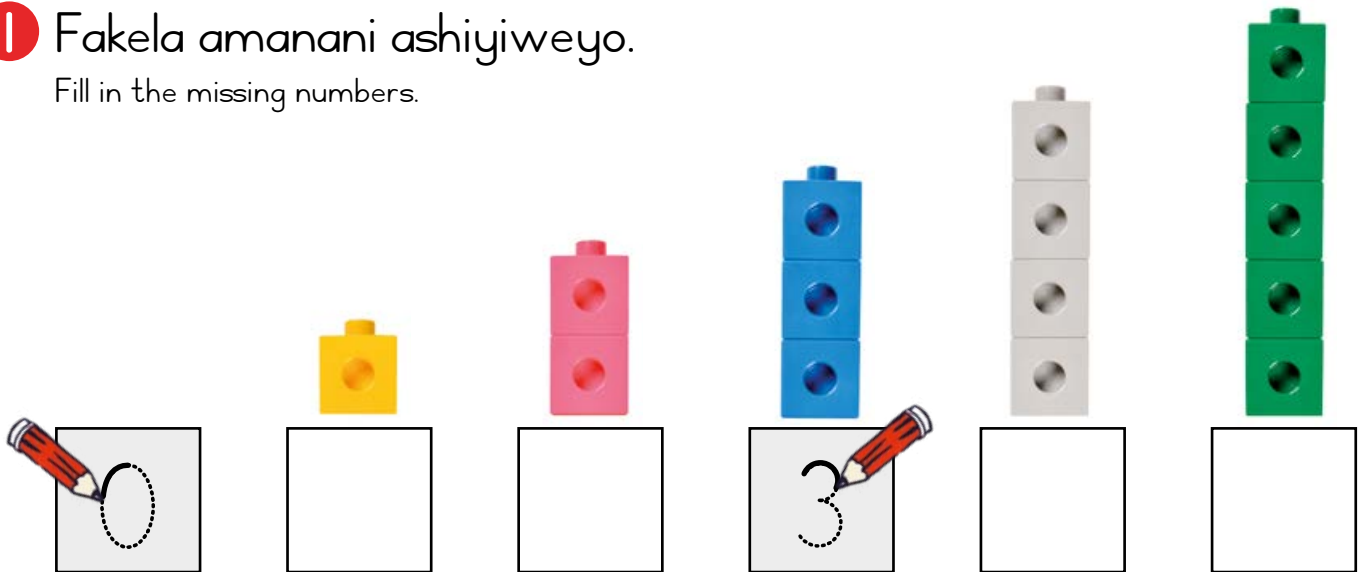
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

IPHEPHA
LOKUSEBENZELA
WORKSHEET

1 Fakela amanani ashisiweyo.

Fill in the missing numbers.



2 Biyela inani elikhulu.

Circle the **bigger** number.

3	5
---	---

4	1
---	---

0	2
---	---

3 Biyela inani elincinci.

Circle the **smaller** number.

3	5
---	---

2	1
---	---

4	0
---	---

4 Biyela elona nani likhulu emgceni.

Circle the **biggest** number in the row.

3	1	0	4
---	---	---	---

5 Biyela elona nani lincinci emgceni.

Circle the **smallest** number in the row.

2	5	1	3
---	---	---	---

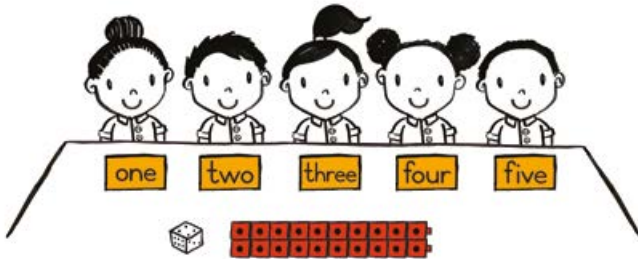
Umdlalo: Ukwakha iincochoyi

Game: Building towers

Kufuneka: Abantwana aba-5, iibloko ezingama-20 nedayisi.

You need: 5 children, 20 blocks and a dice.

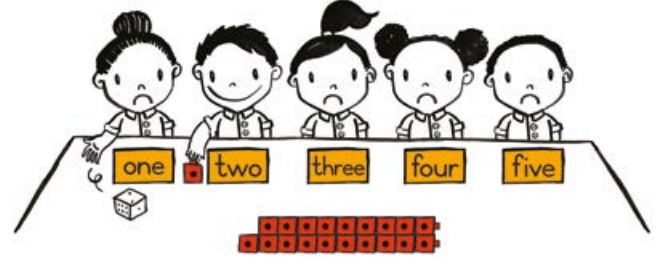
1



Nika umfundi ngamnye inani ukusuka ku-1 ukuya ku-5.

Give each learner a number from 1 to 5.

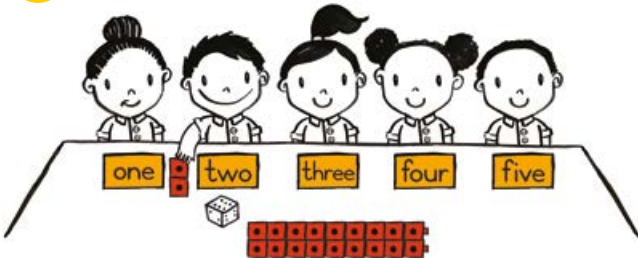
2



Nikanani amathuba okudlala idayisi. Ukuba kuvela inani lakho, thatha ibloko.

Take turns to roll the dice. If your number comes up take a block.

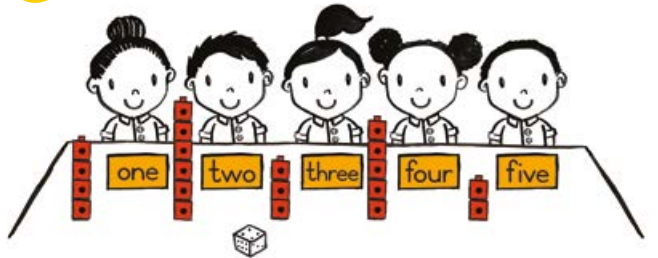
3



Ukuba kuvele u-6 ungathatha iibloko.

If you roll a 6 you can take a block.

4



Qhubani zide ziphele zonke iibloko.

Keep going until you have used up all the blocks.

Ingaba kukho onencochoyi eneebloko ezilingana nezakho?

Does anyone have a tower with the **same** number of blocks as you?

Ngubani oneyona ncochoyi inkulu kwiqela lakho?
Zingaphi iibloko ezikuloo ncochoyi?

Who has the **biggest** tower in your group? How many blocks are in the tower?

Ngubani oneyona ncochoyi incinci kwiqela lakho?
Zingaphi iibloko ezikuloo ncochoyi?

Who has the **smallest** tower in your group? How many blocks are in the tower?

IPHEPHA LOKUSEBENZELA
WORKSHEET



IPHEPHA LOKUSEBENZELA
WORKSHEET

I Yenza.
Draw.

Abe ngaphantsi ngo-1

1 less

Abe ngaphantsi ngo-2

2 less

Abe ngaphantsi ngo-3

3 less

Alingane

The same

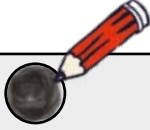
 	  
	
   	

2 Yenza.

Draw.

Abe ngaphezulu ngo-1

1 more

Abe ngaphezulu ngo-2

2 more

Abe ngaphezulu ngo-3

3 more

Alingane

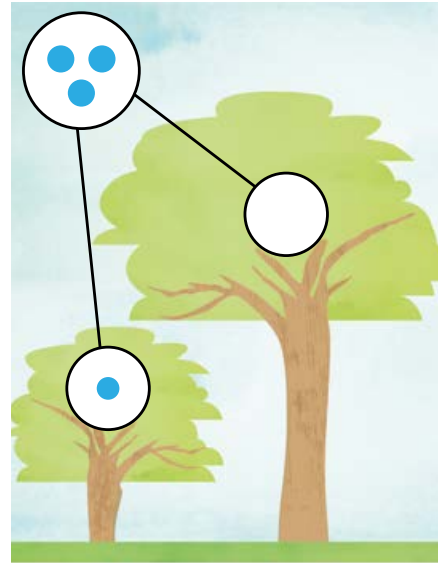
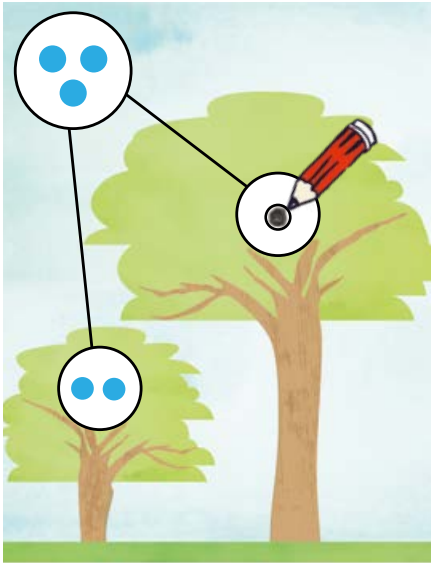
The same

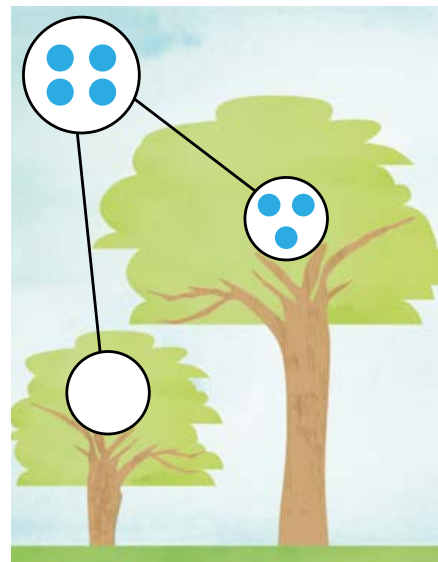
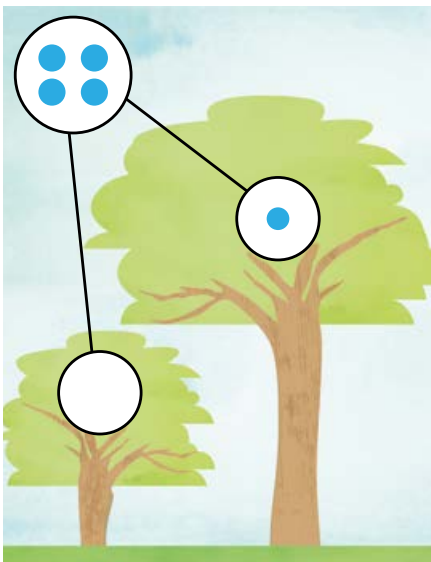
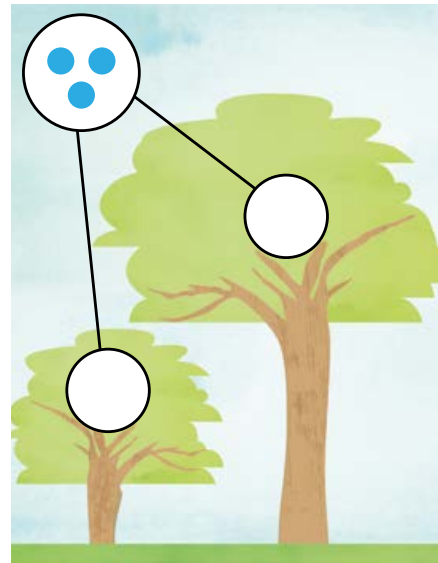
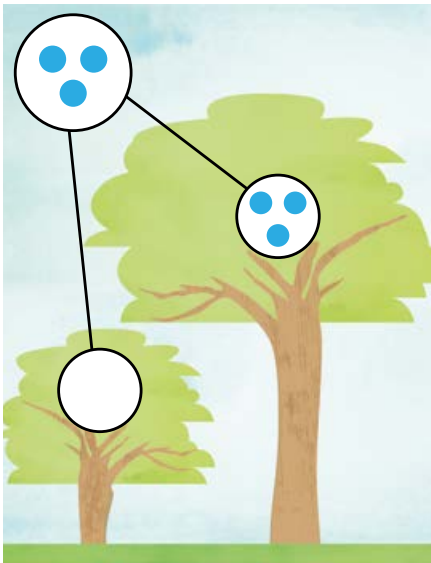


Zingaphi iindlela ezahlukileyo ezingahlala ngazo iintaka kumthi?

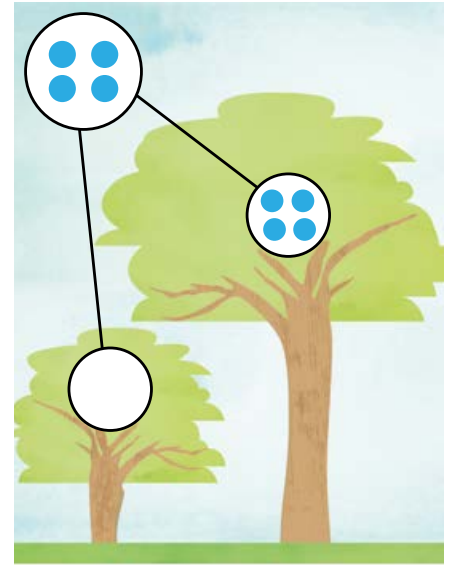
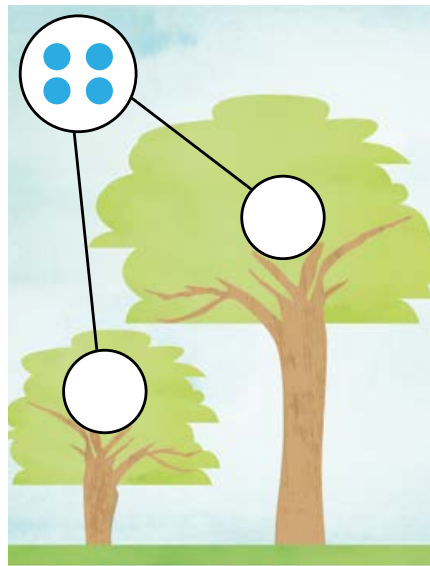
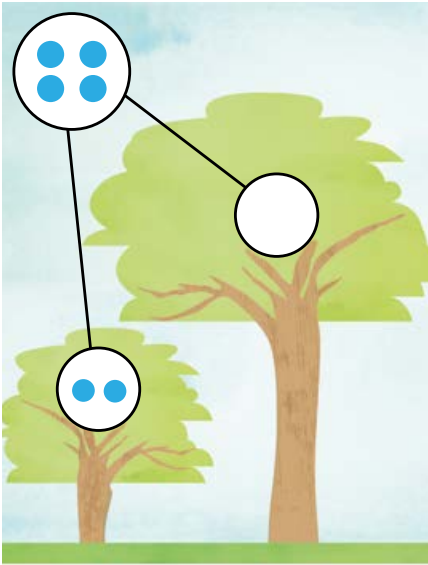
How many different ways can the birds sit in the trees?



3



4



Umdlalo: Ndifihle ezingaphi? Game: How many am I hiding?

Zingaphi izibalisi
ezikhoyo?
How many
counters are
there?



Zingaphi ozibonayo?
Zingaphi endizifihlileyo?
How many can you see?
How many am I hiding?



IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZAMANANI
UKUYA KU-5
BONDS UP TO 5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Zingaphi iindlela onokwenza ngazo u-5?

How many different ways can you make 5?

Umdlalo: Ndifihle ezingaphi?

Game: How many am I hiding?

Zingaphi izibalisi ezikhoyo?

How many counters are there?

1

Zi-5
5

2

Zingaphi ozibonayo?
Zingaphi endizifihlileyo?

How many can you see?
How many am I hiding?

3

4

Ndim ngoku.
My turn now.

Ndibona ezi-4, ufihle e-1.

I see 4 so you are hiding 1.

2 Fakela amachokoza namanani angekhoyo.

Fill in the missing dots and numbers.

						5	
						2	

						5	
						3	

						5	
						1	

						5	
						4	



IZIBALO
ZENTLOKO
MENTAL MATHS

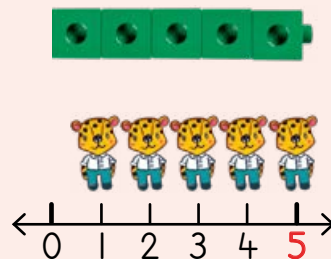
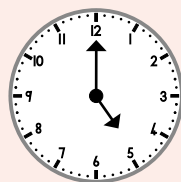
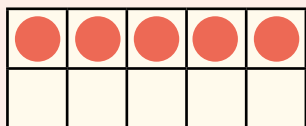
IIBHONDI ZAMANANI
UKUYA KU-5
BONDS UP TO 5

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

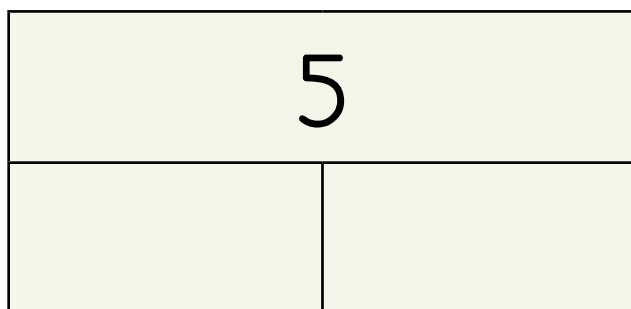
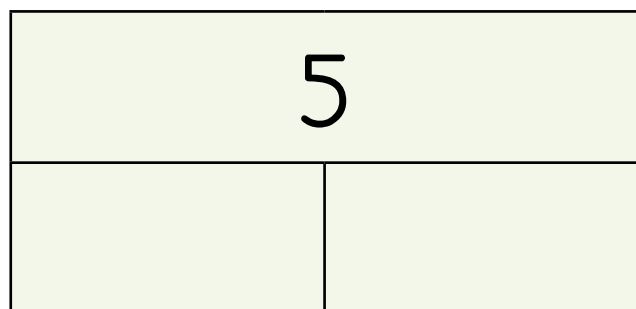
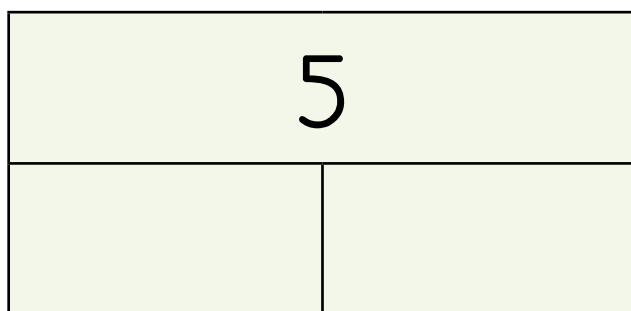
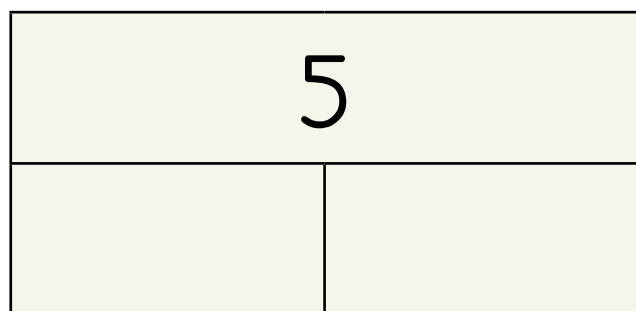
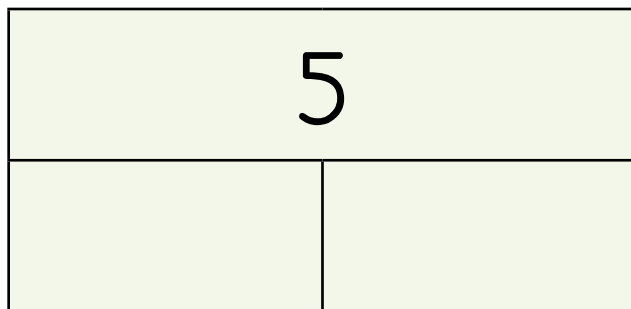
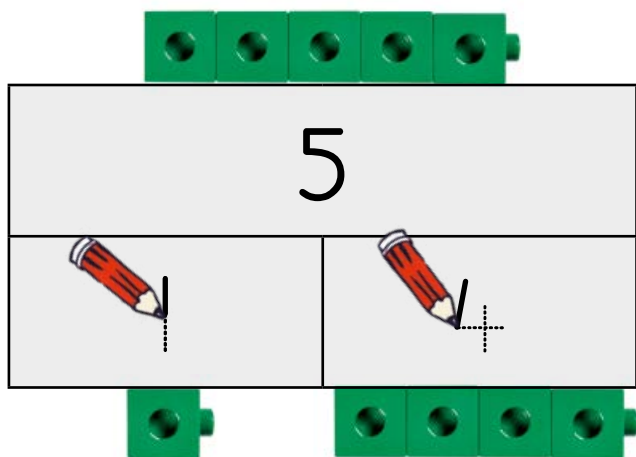
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

ntlanu
five
5



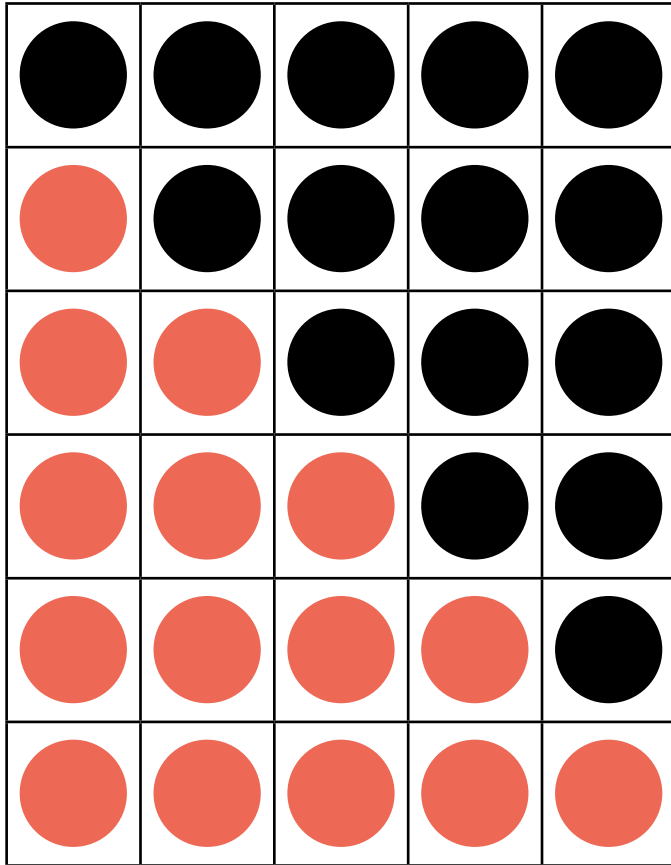
Yenza u-5.

Make 5.



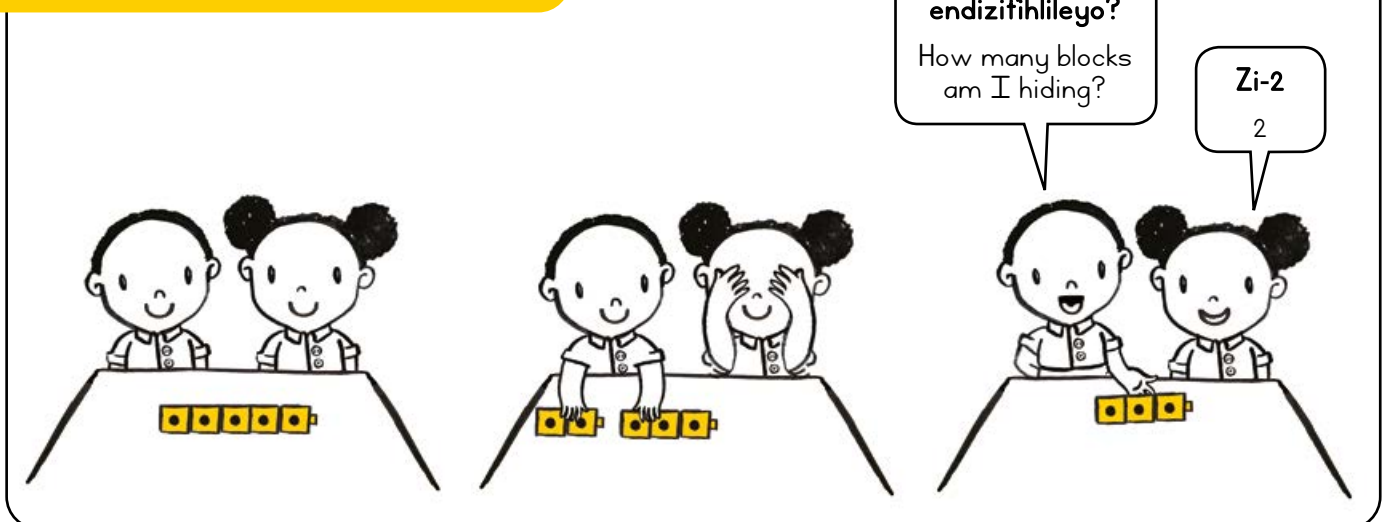
1 Bhala ezinye iindlela zokwenza u-5 kule ndlu yeebhondi.

Record the ways to make up 5 in the bond house.



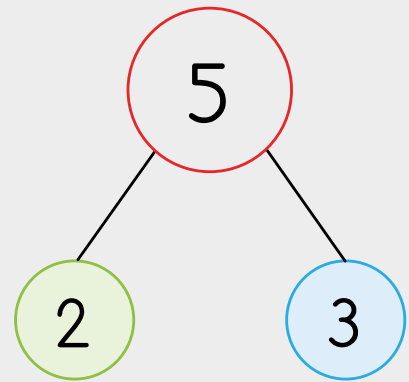
5	
0	5
1	4

Umdlalo: Ndifihle ezingaphi?
Game: How many am I hiding?



u- 2 no- 3 benza u- 5
 and make

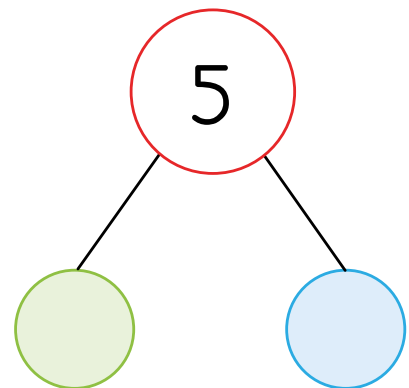
u- 3 no- 2 benza u- 5
 and make



2 Ngawaphi amanye amanani enza u-5?
 What other numbers make 5?

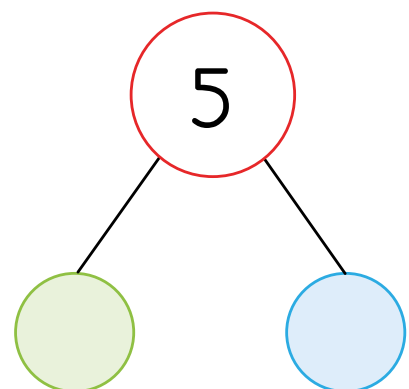
u- 1 no- 4 benza u- 5
 and make

u- no- benza u- 5
 and make



u- 0 no- 5 benza u- 5
 and make

u- no- benza u- 5
 and make



IZIBALO
ZENTLOKO
MENTAL MATHS

IIBHONDI ZAMANANI
UKUYA KU-5
BONDS UP TO 5

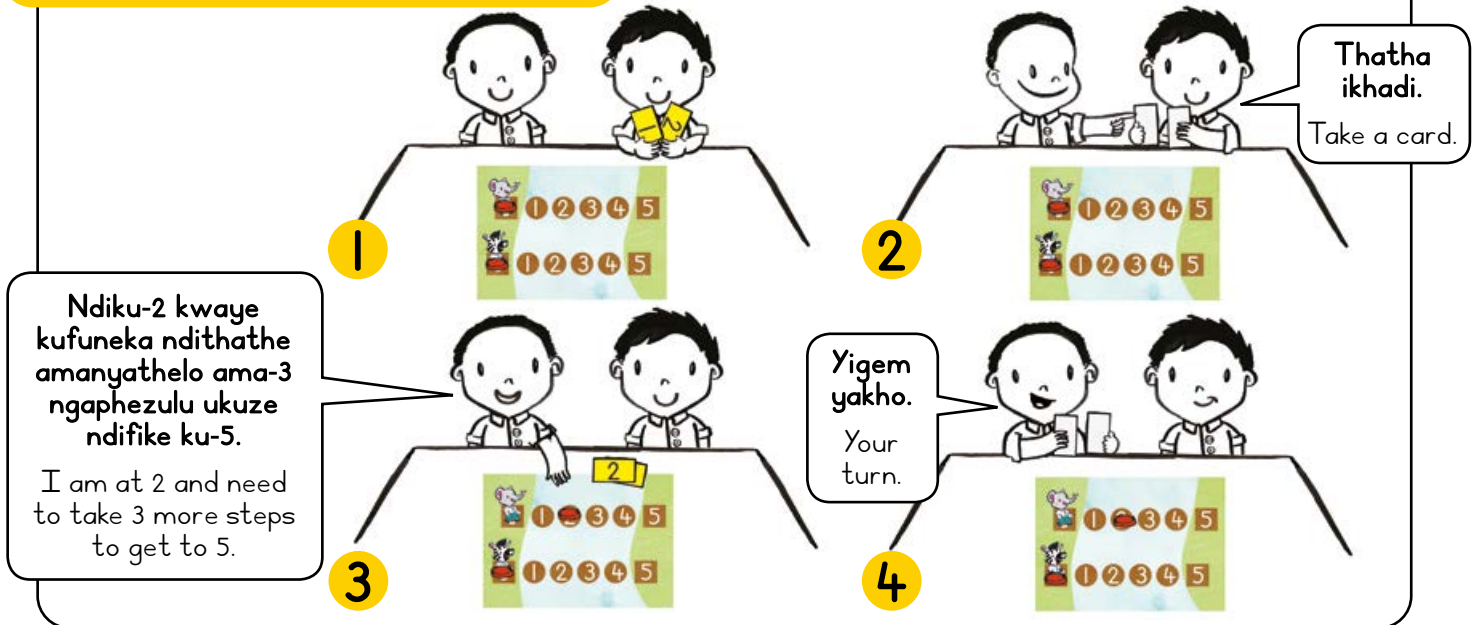
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

Umdlalo: Ukunqumla umlambo

Game: Crossing the river



UNdlovukazi noQwarhashe kufuneka bahambe phezu kwala matye ukuze banqumle umlambo. Dlala neqabane lakho nibone ukuba ngubani oza kufika kuqala. Sebenzisa amakhadi 1 no-2 uhambe ngawo.

Elephant and Zebra must cross the river by stepping on the stepping stones. Play with a partner to see who will get there first. Use your 1 and 2 cards to move.



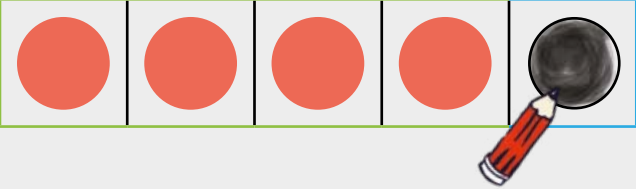
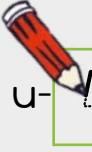
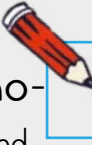
1 Mingaphi imitsi ukuya ku-5?

How many steps to 5?

0	1	2	3	4	5	3
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	
0	1	2	3	4	5	

2 Yenza amachokoza ukuze wenze u-5 uze ufakele amanani ashiyiweyo.

Draw dots to make up 5 and fill in the missing numbers.

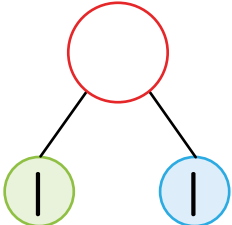
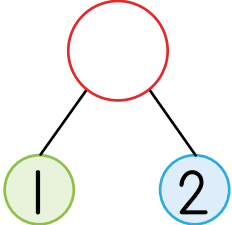
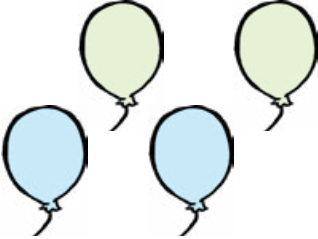
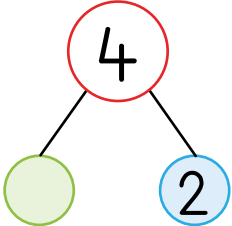
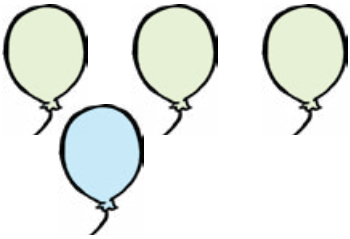
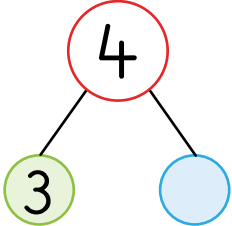
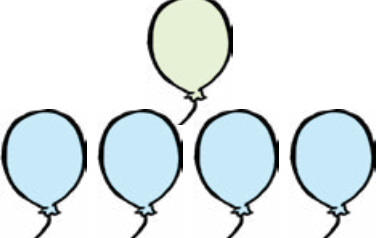
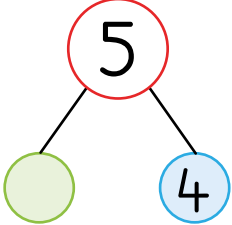
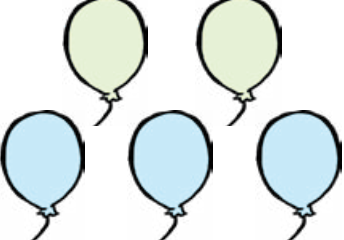
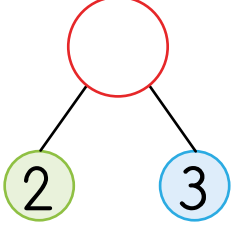
	 u-   no-  benza u-  and make
	u-  no-  benza u-  and make
	u-  no-  benza u-  and make
	u-  no-  benza u-  and make
	u-  no-  benza u-  and make
	u-  no-  benza u-  and make

IPHEPHA LOKUSEBENZELA
WORKSHEET

IPHEPHA LOKUSEBENZELA
WORKSHEET

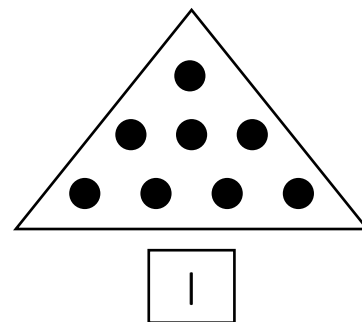
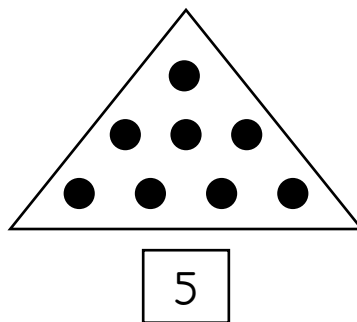
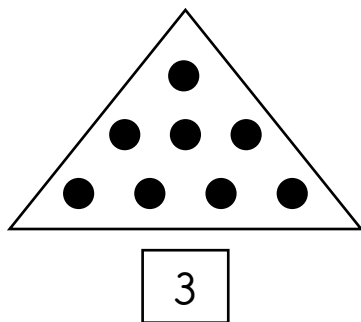
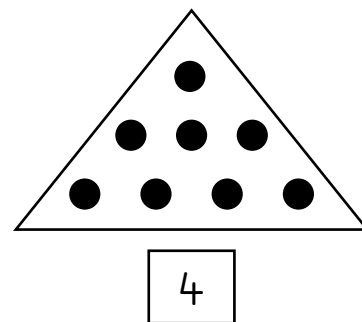
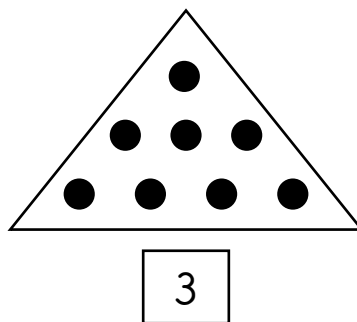
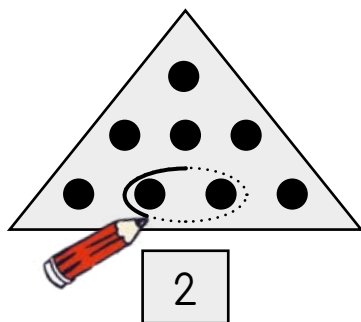
I Bhala amanani.

Write the numbers.

	u- 1 no- 1 benza u- and make	
	u- 1 no- 2 benza u- and make	
	u- no- 2 benza u- 4 and make	
	u- 3 no- benza u- 4 and make	
	u- no- 4 benza u- 5 and make	
	u- 2 no- 3 benza u- and make	

2 Biyela inani elichanekileyo lamachokoza.

Circle the correct number of dots.



3 Gqibezela.

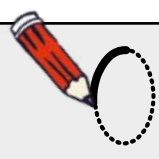
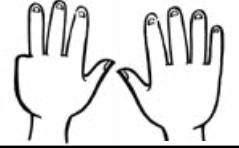
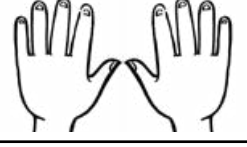
Complete.

		nothi	zero
•		inye	one
• • •		zintathu	three
• • • •		zine	four
• •	2	zimbini	two
• • • • •		zintlanu	five



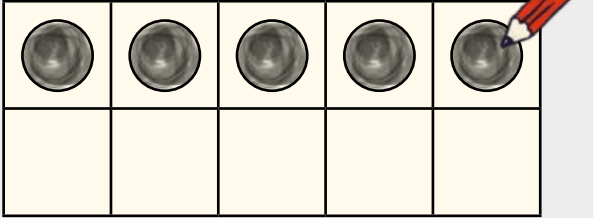
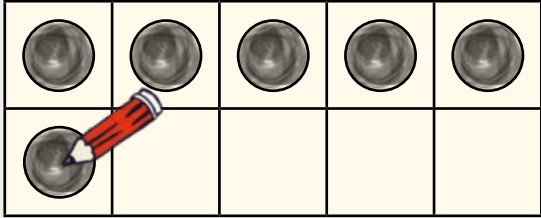
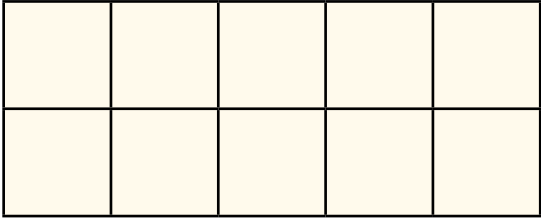
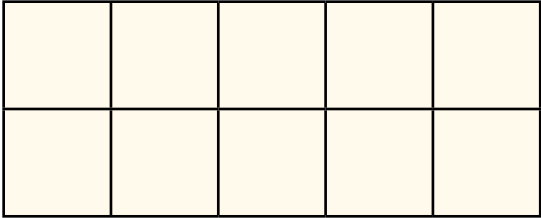
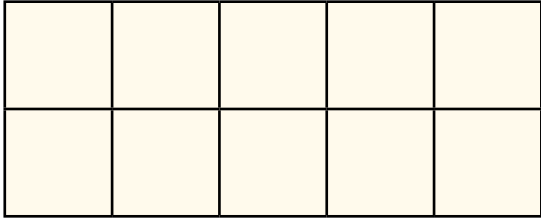


- 1 Sebenzisa iminwe yakho umise la manani. Wakhuphele ke ngoku.
Use your fingers to make these numbers. Then copy the numbers.

Amanani ukusuka ku-0 ukuya ku-10 Numbers 0 to 10		
	0	
	1	1
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7
	8	8
	9	9
	10	10

2 Yenza amachokoza ukuze ubonise la amanani.

Draw dots to show the numbers.

5 	6 
7 	8 
9 	10 

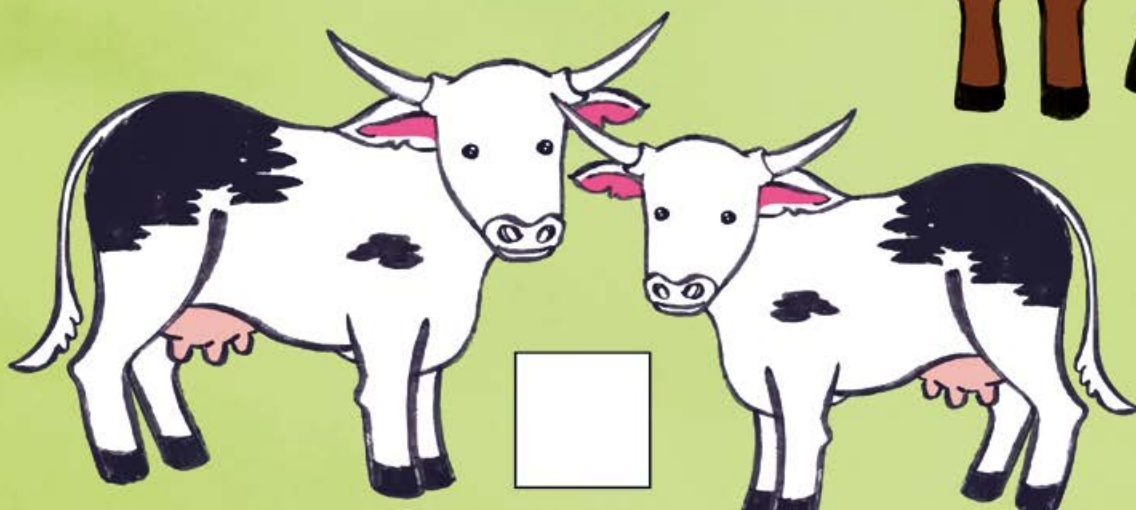
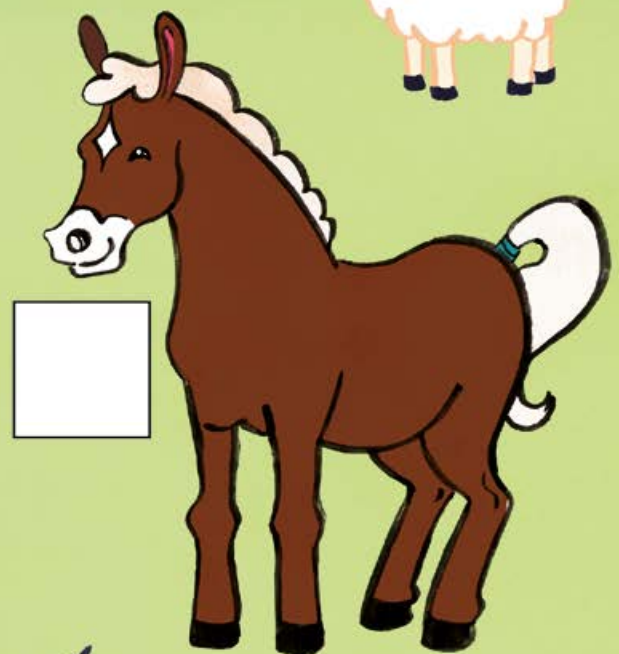
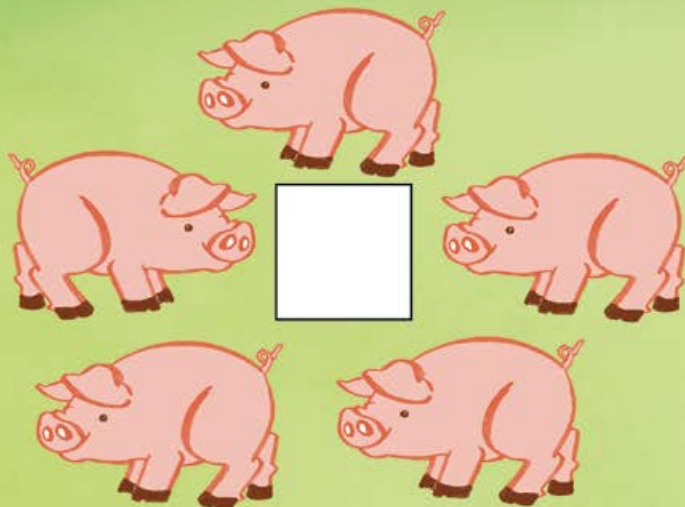
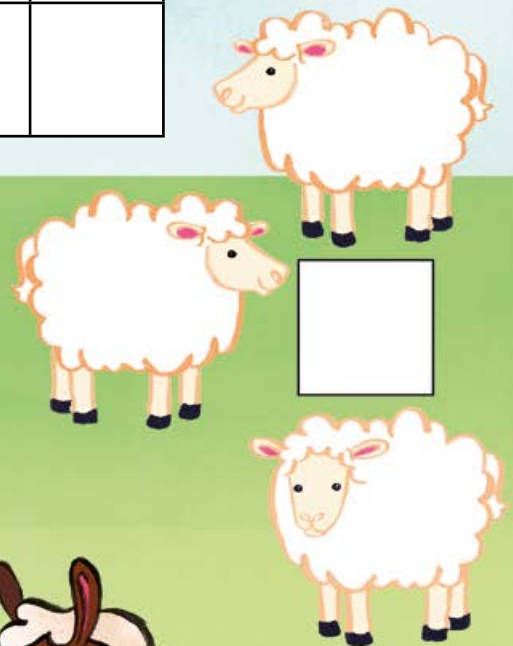
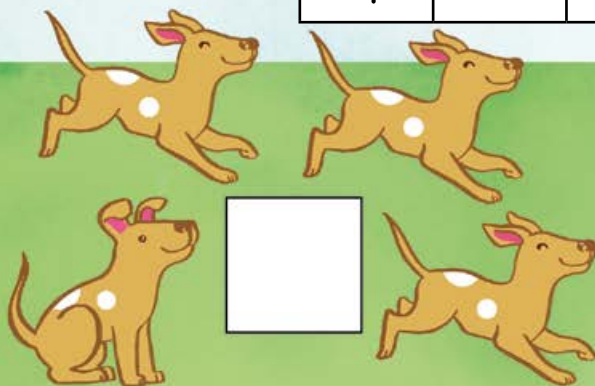
3 Dibanisa amachokoza.

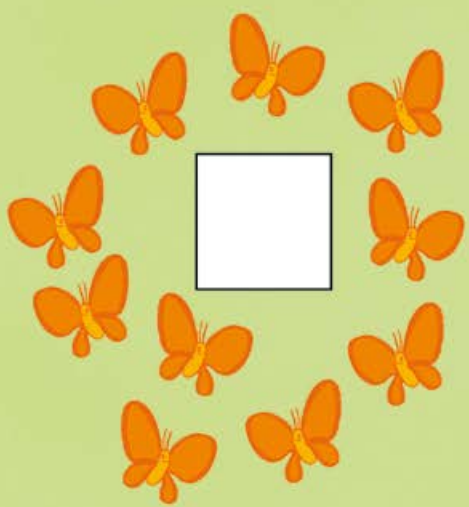
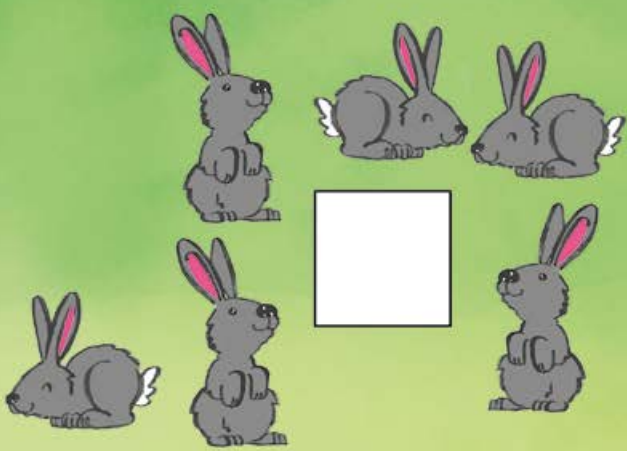
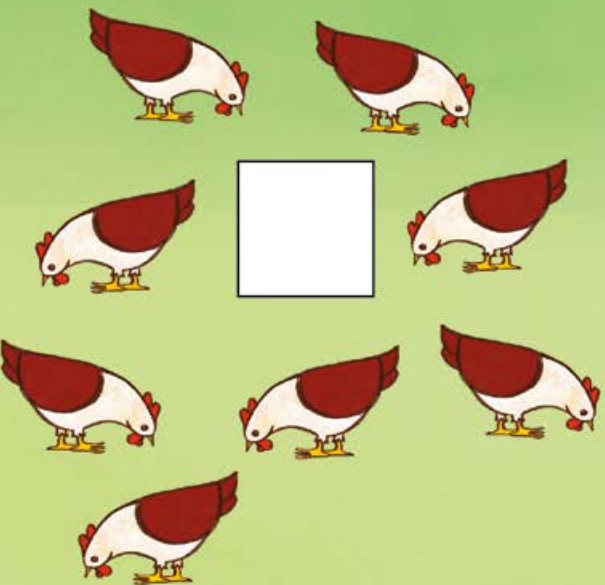
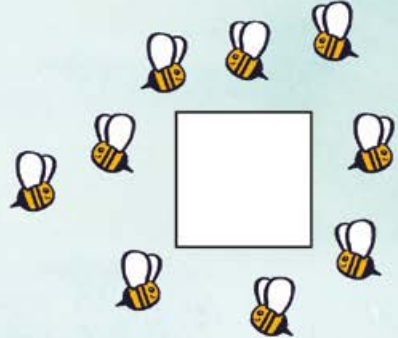
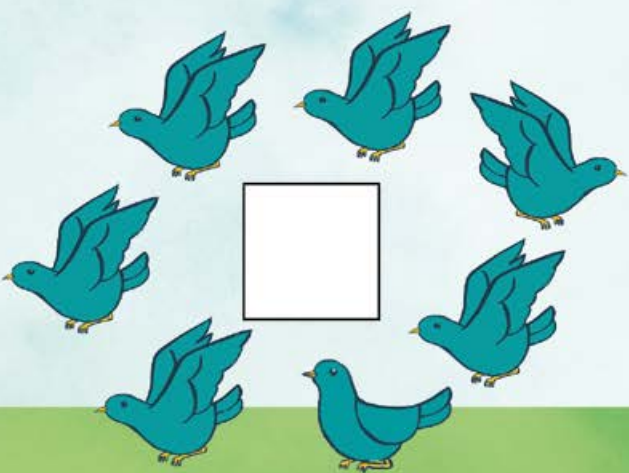
Join the dots.



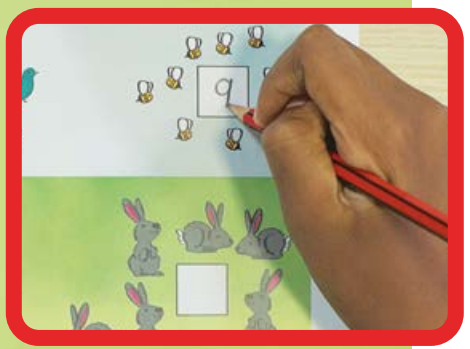


1	2	3	4	5
1	2	3	4	5
1				





6	7	8	9	10
6	7	8	9	10
6				



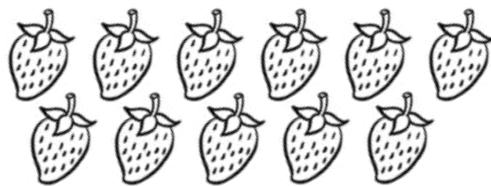
1 Zoba izikwere ezithandathu.

Draw **six** squares.

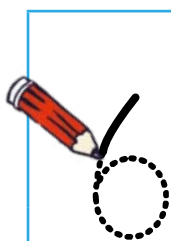


Fakela umbala kumaqunube amathandathu.

Colour **six** strawberries.



Biyela bonke oo-6. Circle all the 6s.



7	6	2	6
9	4	7	1
6	3	6	5

6	6	6	6	6
6	6	6	6	6
6	6	6	6	6

Treyisa. Trace.

Bhala. Write.

zintandathu
SIX

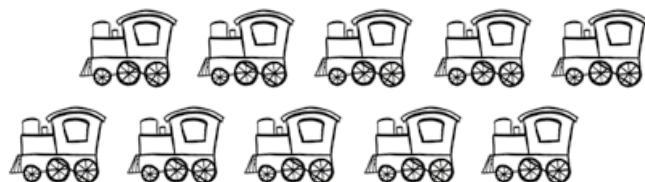
2 Yenza izangqa ezisixhenxe.

Draw **seven** circles.



Fakela umbala kwiitreyini ezisixhenxe.

Colour **seven** trains.



Biyela bonke oo-7. Circle all the 7s.

7	6	1	6
1	4	7	1
7	1	4	5

7	7	7	7	7
7	7	7	7	7
7	7	7	7	7

Treyisa. Trace.

Bhala. Write.

zisixhenxe
seven

Umdlalo: Umdlalo wokukhumbula amanani atshatayo

Game: Matching numbers memory game

1



Dlala ngamakhadi akho amanani namakhadi amachokoza.

Play with your number cards and dot cards.

2



Ukuba awafani waguqule.

If they don't match turn them back over.

3



4



Ukuba ayafana wagcine amakhadi.

If they do match keep the cards.

5



Umntu ophumeleleyo ngulowo unamakhadi amaninzi.

The winner is the one who has more cards.



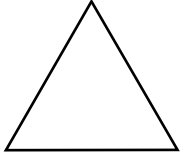
IZIBALO
ZENTLOKO
MENTAL MATHS

AMANANI 6
UKUYA KU-10
NUMBERS 6-10

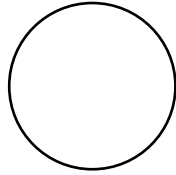
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS



Oonxantathu
Triangles



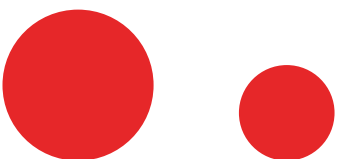
Izangqa
Circles

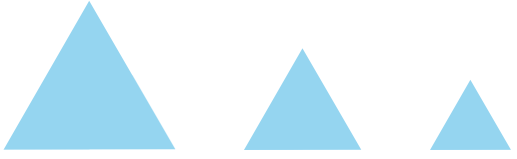
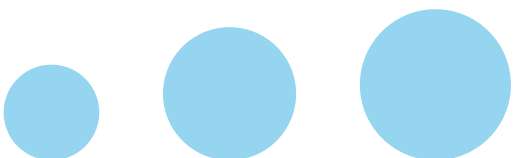


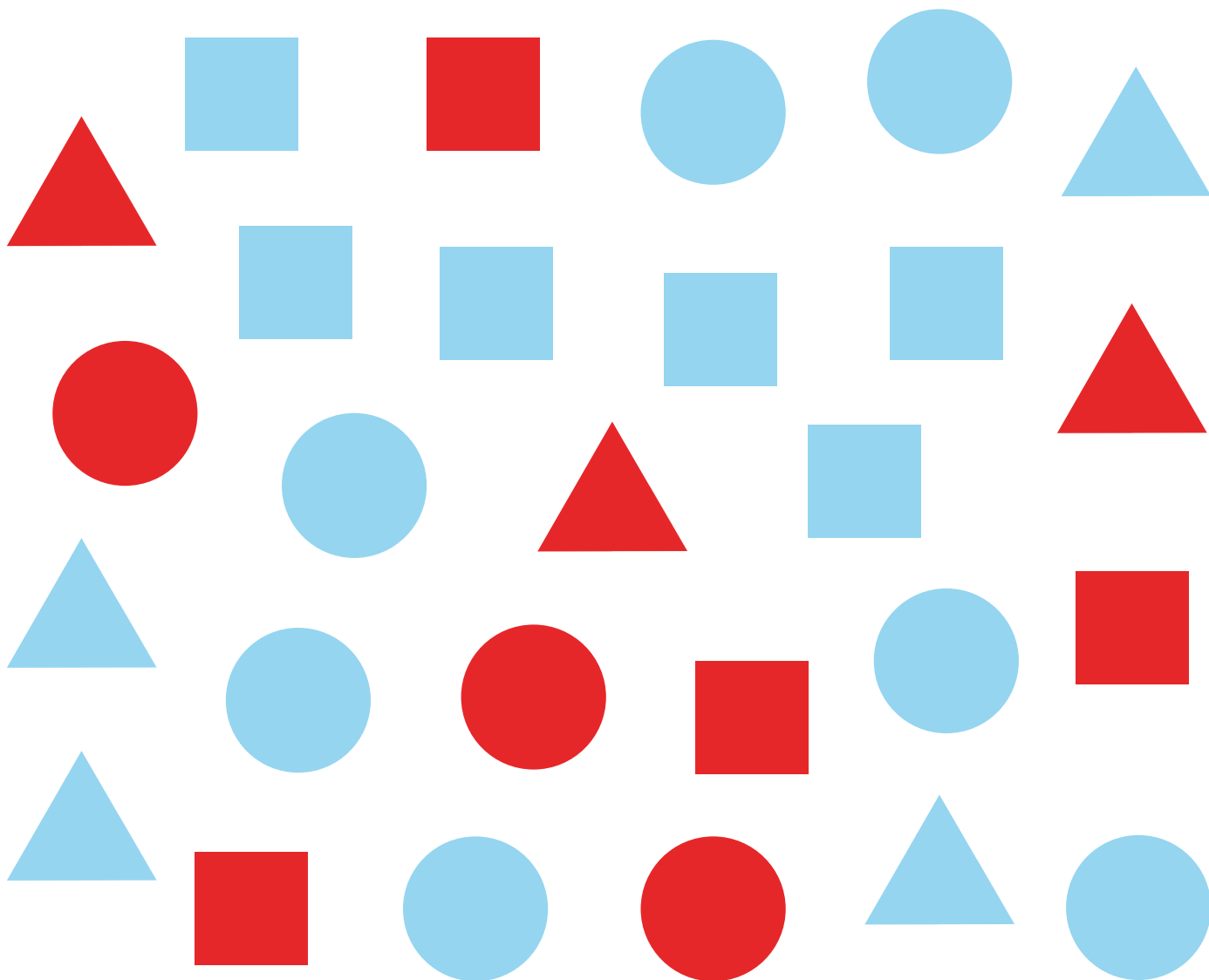
Izikwere
Squares

Zeziphi ezi milo?
What shapes
are these?

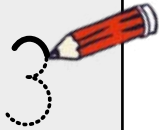


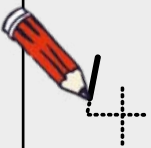
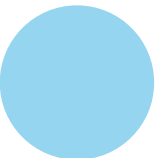
Oonxantathu ababomvu Red triangles	
Izangqa ezibomvu Red circles	
Izikwere ezibomvu Red squares	

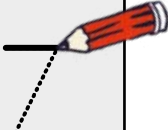
Oonxantathu abablowu Blue triangles	
Izangqa eziblowu Blue circles	
Izikwere eziblowu Blue squares	



I Zingaphi?
How many?

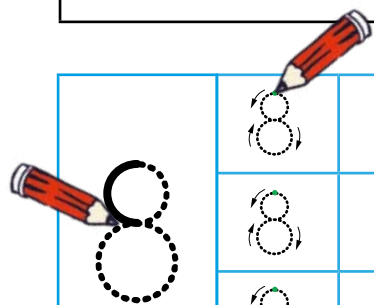
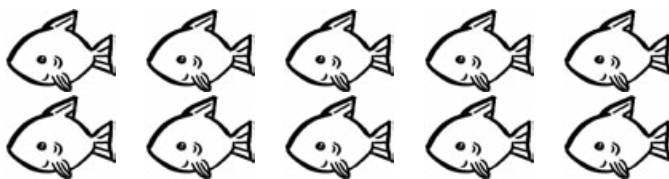
	
	
	

Oonxantathu Triangles	
Izangqa Circles	
Izikwere Squares	

2 Yenza oonxanthathu
abasi-8.
Draw 8 triangles.



Fakela umbala kwiintlanzi
ezisi-8.
Colour 8 fish.



Treyisa. Trace.

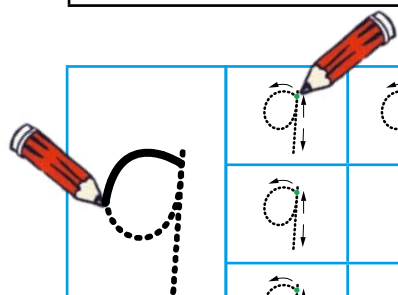
Bhala. Write.

zisibhozo
eight

3 Yenza izangqa
ezili-9.
Draw 9 circles.



Fakela umbala kwizithsaba
ezili-9.
Colour 9 crowns.



Treyisa. Trace.

Bhala. Write.

zolithoba
nine

4 Bigela inani elichanekileyo.

Circle the correct number.



zisixhenxe seven	0	1	2	3	4	5	6	7	8	9	10
zintlanu five	0	1	2	3	4	5	6	7	8	9	10
zisibhozo eight	0	1	2	3	4	5	6	7	8	9	10
zine four	0	1	2	3	4	5	6	7	8	9	10
zilithoba nine	0	1	2	3	4	5	6	7	8	9	10
zintathu three	0	1	2	3	4	5	6	7	8	9	10
zilishumi ten	0	1	2	3	4	5	6	7	8	9	10
inye one	0	1	2	3	4	5	6	7	8	9	10
nothi zero	0	1	2	3	4	5	6	7	8	9	10
zintandathu six	0	1	2	3	4	5	6	7	8	9	10
zimbini two	0	1	2	3	4	5	6	7	8	9	10

5 Fakela amanani ashayiweyo.

Fill in the missing numbers.

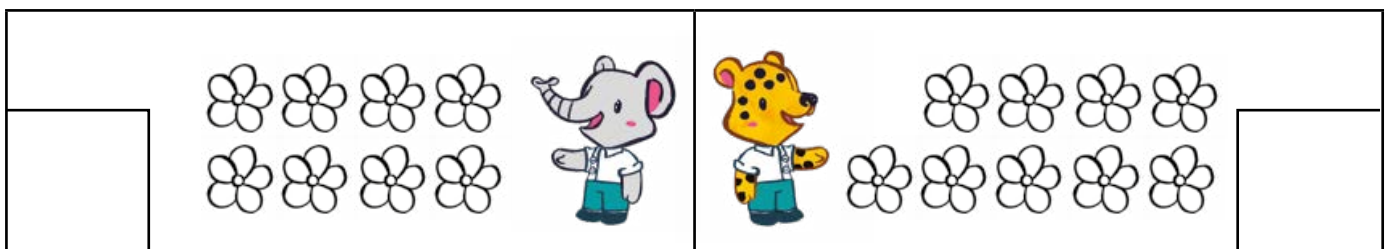
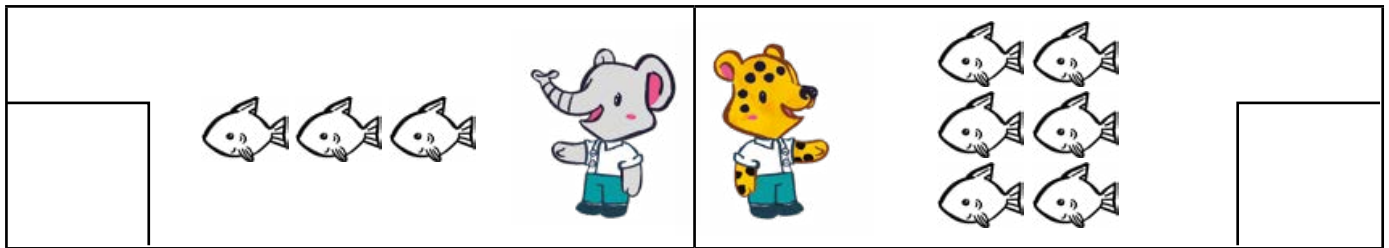
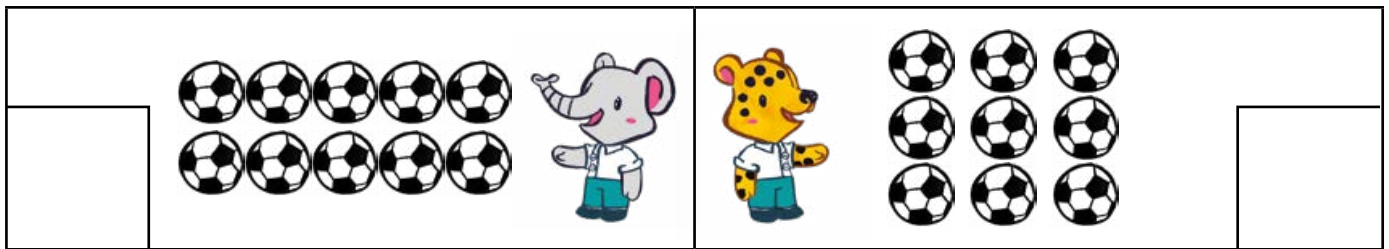
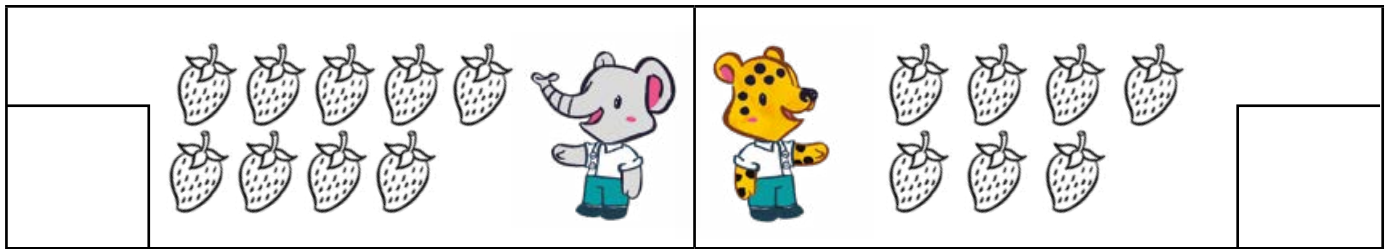
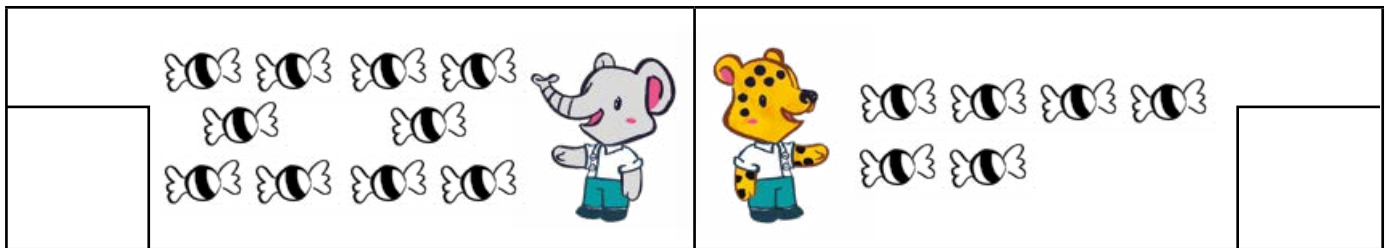
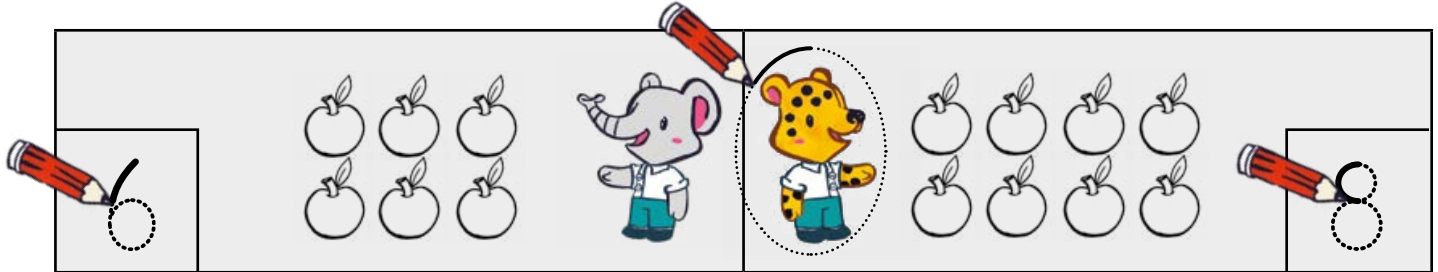
2	3		5		7		9
---	---	---	---	--	---	--	---

0	1			4			7
---	---	--	--	---	--	--	---

Ngubani onezininzi? Who has more?

1 Bhala ukuba isilwanyana ngasinye sinezinto ezingaphi.
Write how many objects each animal has.

2 Biyela isilwanyana esinezininzi.
Circle the animal that has more.



3 Bhala igama lenani. Fakela umbala eziblokweni.

Write the number name. Colour the blocks.



1 inye one

2 zimbini two

3 zintathu three

4 zine four

5 zintlanu five

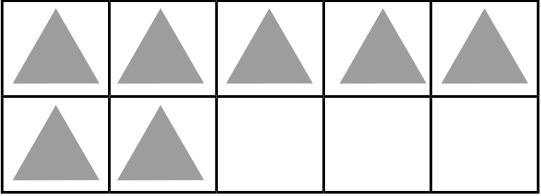
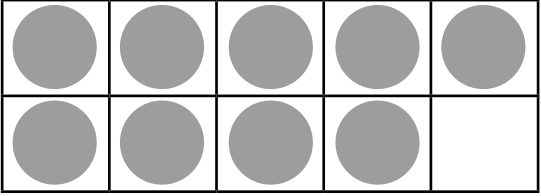
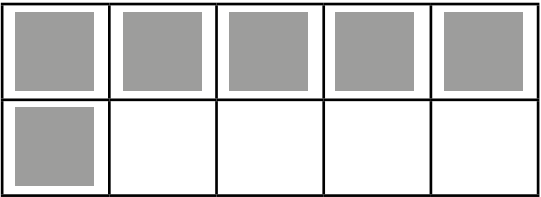
6 zintandathu six

7 zisixhenxe seven

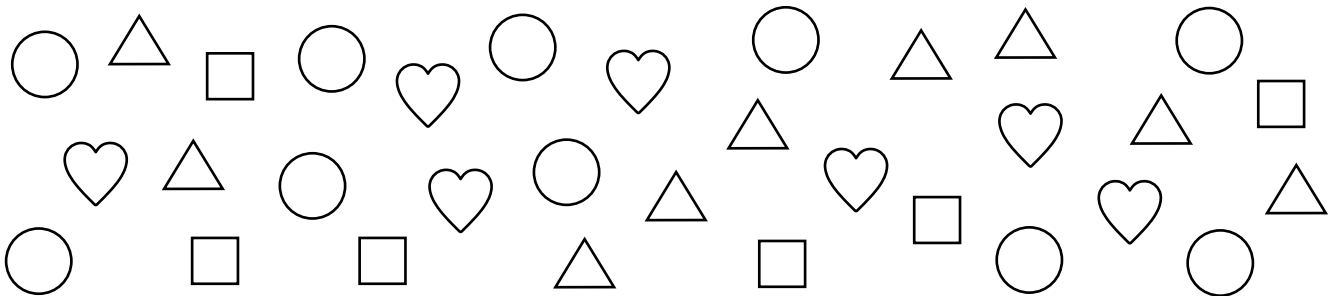
8 zisibhozo eight

9 zilithoba nine

10 zilishumi ten

1 Zingaphi? How many?	Biyela igama lemilo. Circle the name of the shape.
	unxantathu isangqa sikwere triangle circle square
	unxantathu isangqa sikwere triangle circle square
	unxantathu isangqa sikwere triangle circle square

2 Faka umbala kunye nokubala.
Colour and count.



3 Tshatisa.

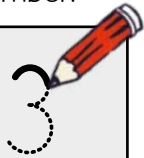
Match.

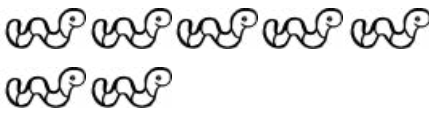
1
2
3
4
5
6
7
8
9
10

zine four
zisixhenxe seven
zilitshoba nine
inye one
zintlanu five
zilishumi ten
zimbini two
zintandathu six
zisibhozo eight
zintathu three

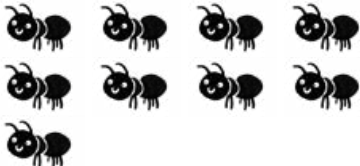
4 Bala uze ubhale inani elichanekileyo.

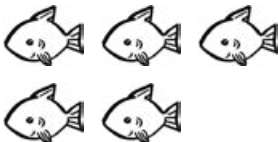
Count and write the correct number.

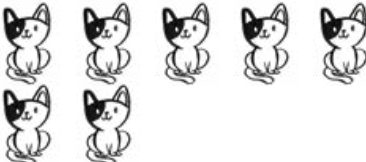

















IZIBALO
ZENTLOKO
MENTAL MATHS

UTITSHALA UTHI
TEACHER SAYS

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1 Le yitreyini yam enebloko ebomvu ngaphambili.

This is my train with the red block at the front.



Biyela.

Circle.

Itreyini emthubi _____ kwetreyini yam.

The yellow train is _____ my train.



ingaphazelu

on top of

ingaphantsi

under

Itreyini emthubi _____ kwetreyini yam.

The yellow train is _____ my train.



ingaphazelu

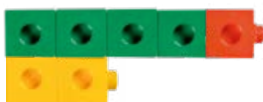
on top of

ingaphantsi

under

Ingaba le treyini iphezu okanye ingaphantsi kololiwe wam?

Is the train on top of or under my train?

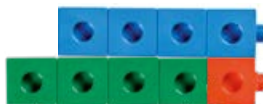


ingaphazelu

on top of

ingaphantsi

under

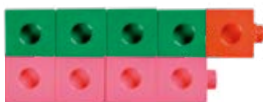


ingaphazelu

on top of

ingaphantsi

under

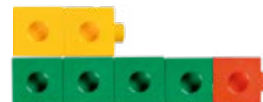


ingaphazelu

on top of

ingaphantsi

under

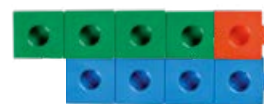


ingaphazelu

on top of

ingaphantsi

under

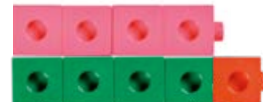


ingaphazelu

on top of

ingaphantsi

under



ingaphazelu

on top of

ingaphantsi

under

2 Le yitreyini yam enebloko ebomvu ngaphambili.

This is my train with the red block at the front.



Biyela.

Circle.

Itreyini emthubi _____ kwetreyini yam.

The yellow train is _____ my train.



iphambi
in front of

isemva
behind

Itreyini emthubi _____ kwetreyini yam.

The yellow train is _____ my train.



iphambi
in front of

isemva
behind

Ingaba le treyini iphambi okanye isemva kwetreyini yam?

Is the train in front of or behind my train?



iphambi
in front of

isemva
behind



iphambi
in front of

isemva
behind



iphambi
in front of

isemva
behind



iphambi
in front of

isemva
behind



iphambi
in front of

isemva
behind



iphambi
in front of

isemva
behind

IZIBALO
ZENTLOKO
MENTAL MATHS

UTITSHALA UTHI
TEACHER SAYS

UPHUHLISO
LWENGQIYO
CONCEPT DEVELOPMENT

UMDLALO
GAME

IPHEPHA
LOKUSEBENZELA
WORKSHEET

1



Zingaphi

How many



ezikwisandla sakhe sasekhohlo?
in his left hand?

ezikwisandla sakhe sasekunene?
in his right hand?

zizonke?

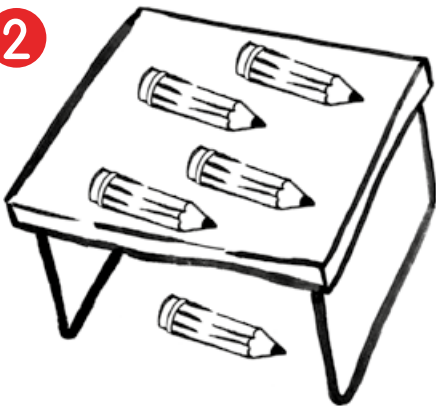
altogether?



3

2

2



Zingaphi

How many



eziphezu kwedesika?
on top of the desk?

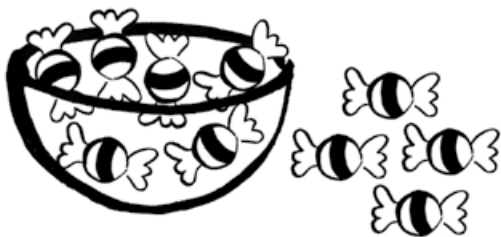
eziphantsi kwedesika?
under the desk?

zizonke?

altogether?



3



Zingaphi

How many



ezingaphakathi esityeni?
inside the bowl?

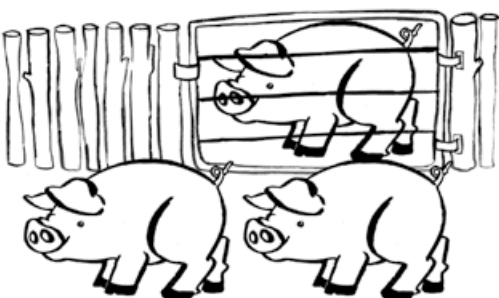
ezingaphandle kwesitya?
outside the bowl?

zizonke?

altogether?



4



Zingaphi

How many



ezisemva kocingo?
behind the fence?

eziphambi kocingo?
in front of the fence?

zizonke?

altogether?





IZIBALO
ZENTLOKO
MENTAL MATHS

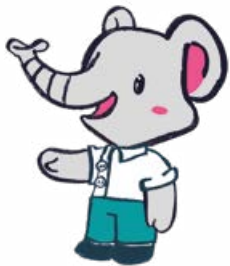
UTITSHALA UTHI
TEACHER SAYS

UPHULISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

IPHEPHA
LOKUSEBENZELA
WORKSHEET

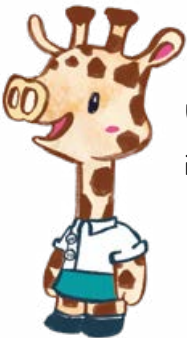
yoku-1 1 st	yes-2 2 nd	yes-3 3 rd	yes-4 4 th	yes-5 5 th	yes-6 6 th	yes-7 7 th	yes-8 8 th	ye-9 9 th	ye-10 10 th
yokuqala first	yesibini second	yesithathu third	yesine fourth	yesihlanu fifth	yesithandathu sixth	yesixhenxe seventh	yesibhozo eighth	yethoba ninth	yeshumi tenth



ngowokuqala
is first



ngowokugqibela
is last



uphambi ko
is before



usemva ko-
is after



yesibini
is second



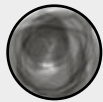
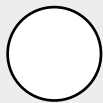
yesithandathu
is sixth



Fakela umbala **obomvu** kwizangqa ezi-2 eziphezulu.

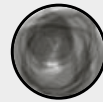


Colour the top 2 circles **red**.



Fakela umbala **omnyama** kwizangqa ezi-2 ezisezantsi.

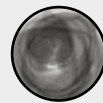
Colour the bottom 2 circles **black**.



Fakela umbala **omnyama** kwizangqa soku-1 ukusuka ngasentla.



Colour the 1st circle from the top **black**.

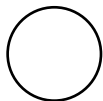


Fakela umbala **obomvu** kwizangqa sesi-2 ukusuka ngasentla.

Colour the 2nd circle from the top **red**.

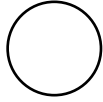
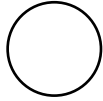
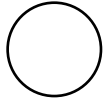
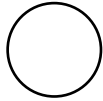
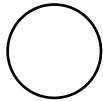
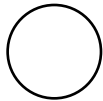
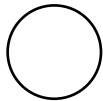
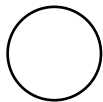


Gqibezela ipatheni.
Complete the pattern.



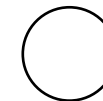
Fakela umbala **obomvu** kwizangqa ezi-5 eziphezulu.

Colour the top 5 circles **red**.

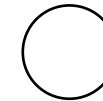
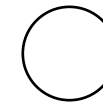


Fakela umbala **omnyama** kwizangqa ezi-5 ezisezantsi.

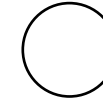
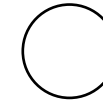
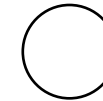
Colour the bottom 5 circles **black**.



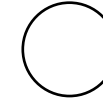
Fakela umbala **obomvu** kwizangqa sesi-2, esesi-4 nesesi-6 ukusuka ngasentla.



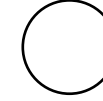
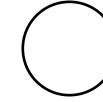
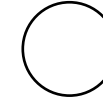
Colour the 2nd, 4th and 6th circles from the top **red**.



Fakela umbala **omnyama** kwizangqa soku-1, kwesesi-3 nakwesesi-5 ukusuka ngasentla.



Colour the 1st, 3rd and 5th circles from the top **black**.



Gqibezela ipatheni.
Complete the pattern.

IZIBALO
ZENTLOKO
MENTAL MATHS

UTITSHALA UTHI
TEACHER SAYS

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

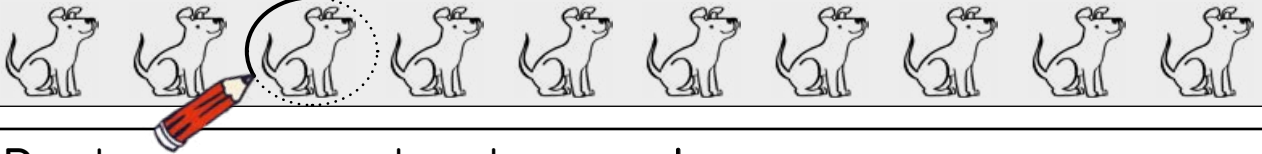
UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

1

Biyelainja yesi-3 ukusuka ngasekhohlo.

Circle the 3rd dog from the left.



Biyelainja yesi-5 ukusuka ngasekunene.

Circle the 5th dog from the right.



Biyelainja yesibini ukusuka ngasekhohlo.

Circle the second dog from the left.



Biyelainja yesine ukusuka ngasekunene.

Circle the fourth dog from the right.



Biyelainja yesixhenxe ukusuka ngasekhohlo.

Circle the seventh dog from the left.



2

Biyela izinja zokuqala ezi-3 ukusuka ngasekhohlo.

Circle the first 3 dogs from the left.

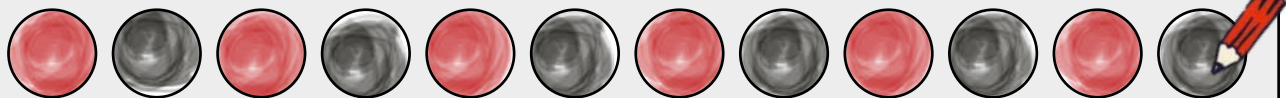


Biyela izinja ezi-2 zokugqibela ngasekunene.

Circle the last 2 dogs on the right.



3



Fakela umbala **obomvu** kwisangqa soku-1, kwesesi-3 nakwesesi-5.

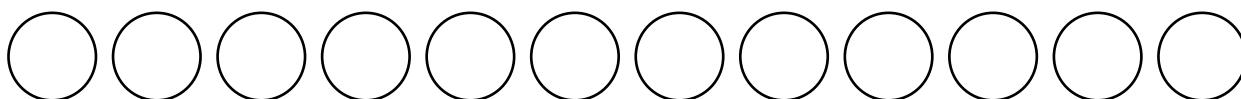
Colour the 1st, 3rd and 5th circles **red**.

Fakela umbala **omnyama** kwisangqa sesi-2, kwesesi-4 nakwesesi-6.

Colour the 2nd, 4th and 6th circles **black**.

Gqibezela ipatheni.

Complete the pattern.



Fakela umbala **obomvu** kwisangqa soku-1, kwesesi-2, kwesesi-4 nakwesesi-5.

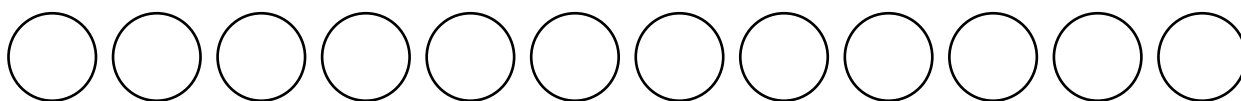
Colour the 1st, 2nd, 4th and 5th circles **red**.

Fakela umbala **omnyama** kwisangqa sesi-3 nakwesesi-6.

Colour the 3rd and 6th circles **black**.

Gqibezela ipatheni.

Complete the pattern.



Fakela umbala **obomvu** kwisangqa soku-1, kwesesi-2, kwesesi-5 nakwesesi-6.

Colour the 1st, 2nd, 5th and 6th circles **red**.

Fakela umbala **omnyama** kwisangqa sesi-3, kwesesi-4, kwesesi-7, nakwesesi-8.

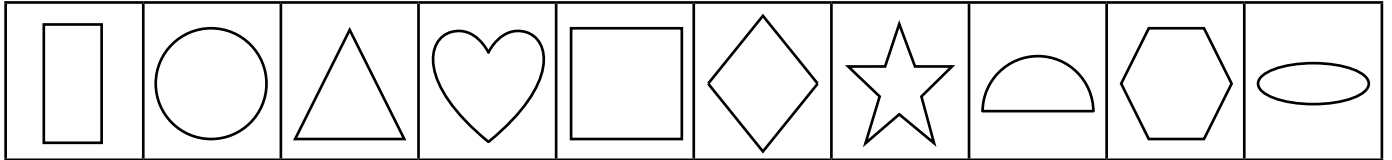
Colour the 3rd, 4th, 7th and 8th circles **black**.

Gqibezela ipatheni.

Complete the pattern.

1 Imilo zicwangcisiwe ukusuka ekhohlo ukuya ekunene.

The shapes have been placed in order from left to right.



Yeyiphi imilo ...?

Which shape is ...?

yesixhenxe seventh		yokugqibela last	
yokuqala first		yesibhozo eighth	
yesithathu third		yesihlanu fifth	
yethoba ninth		yesibini second	
yesine fourth		yesithandathu sixth	
yeshumi tenth		emva kwe after	
emva kwe after		phambi kwe- before	

2



Zingaphi 
How many

ezikwisandla sakhe sasekhohlo?
in his left hand?

ezikwisandla sakhe sasekunene?
in his right hand?

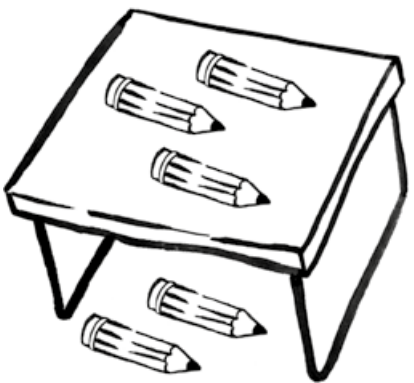
zizonke?
altogether?

2

1

3

3



Zingaphi 
How many

eziphezu kwedesika?
on top of the desk?

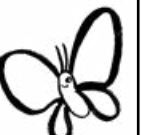
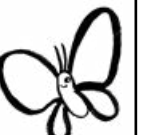
eziphantsi kwedesika?
under the desk?

zizonke?
altogether?

4

Fakela umbala kwisilwanyana esikwindawo exeliweyo ukusuka ngasekhohlo.

Colour in the animal in the position given from the left.

							yesi-5 5 th
							yoku-1 1 st
							yesi-3 3 rd
							yesi-4 4 th
							yesi-2 2 nd

Enzima nekhaphukhaphu

Heavy and light

IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP - IIBHONDI
ZAMANANI UKUYA KU-5
FIZZ POP - BONDS UP TO 5

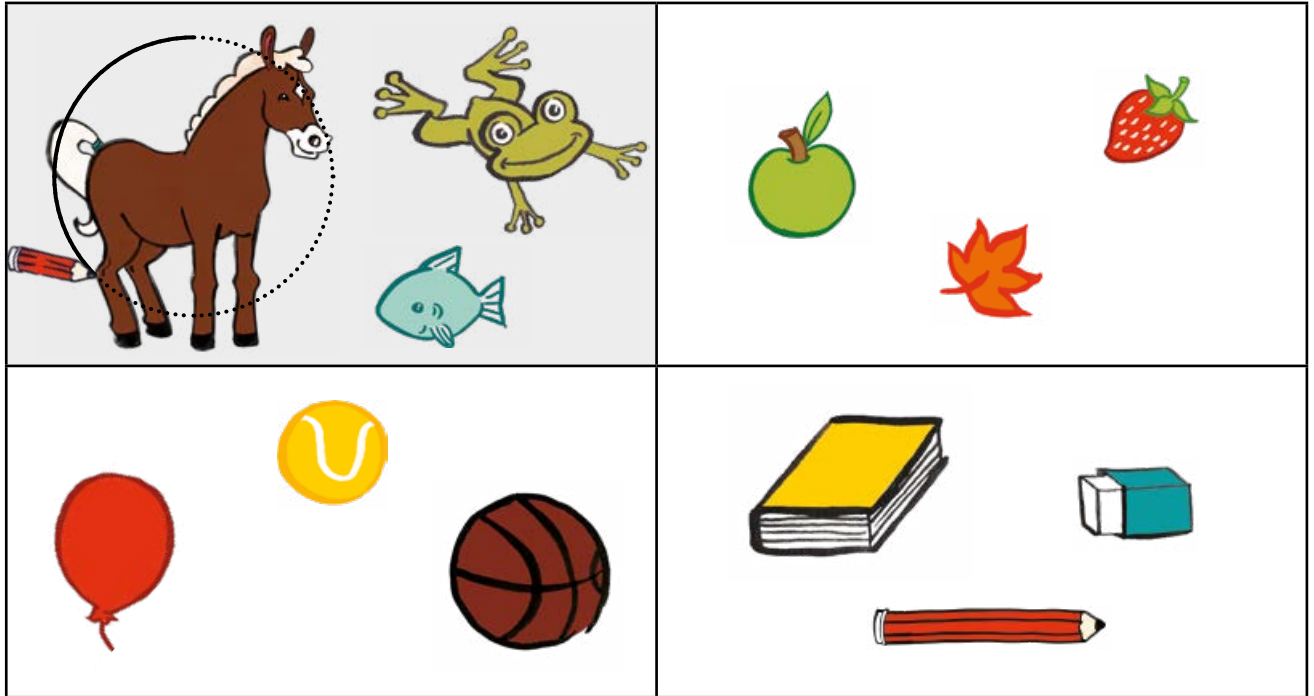
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

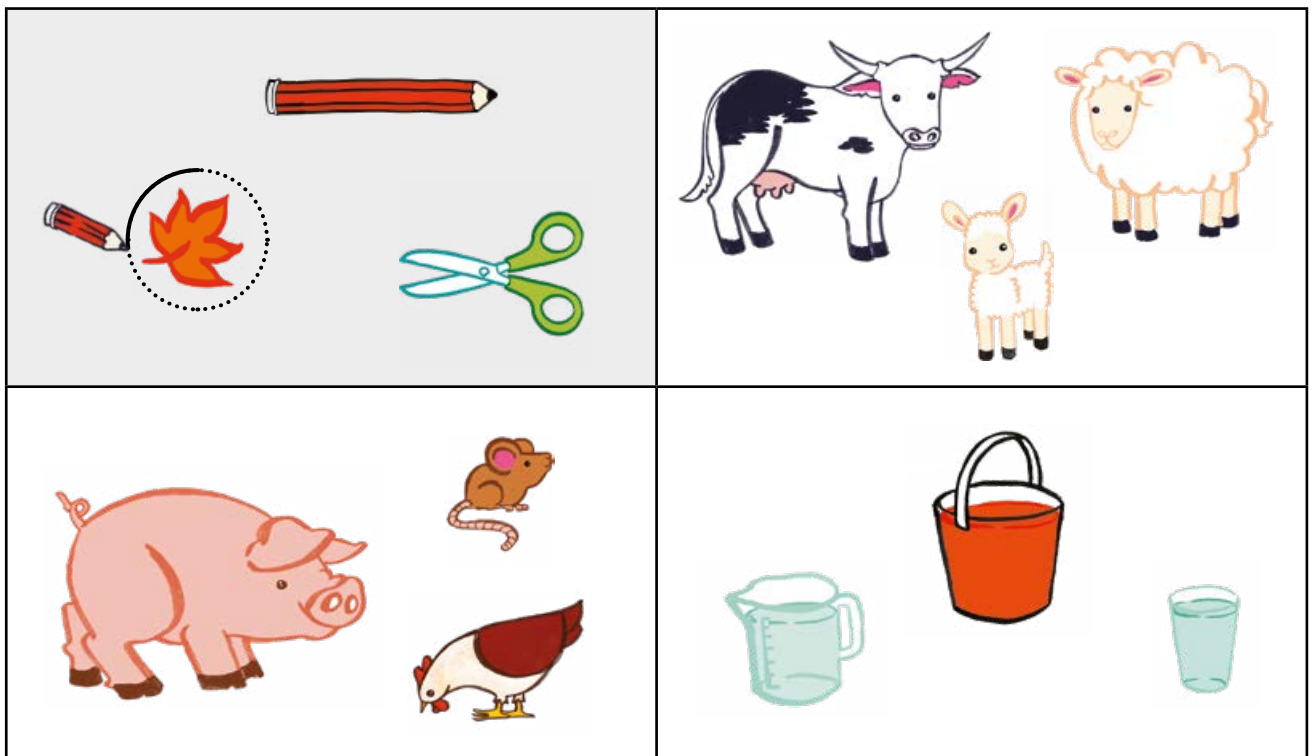
1 Biyela eyona inzima.

Circle the **heaviest**.



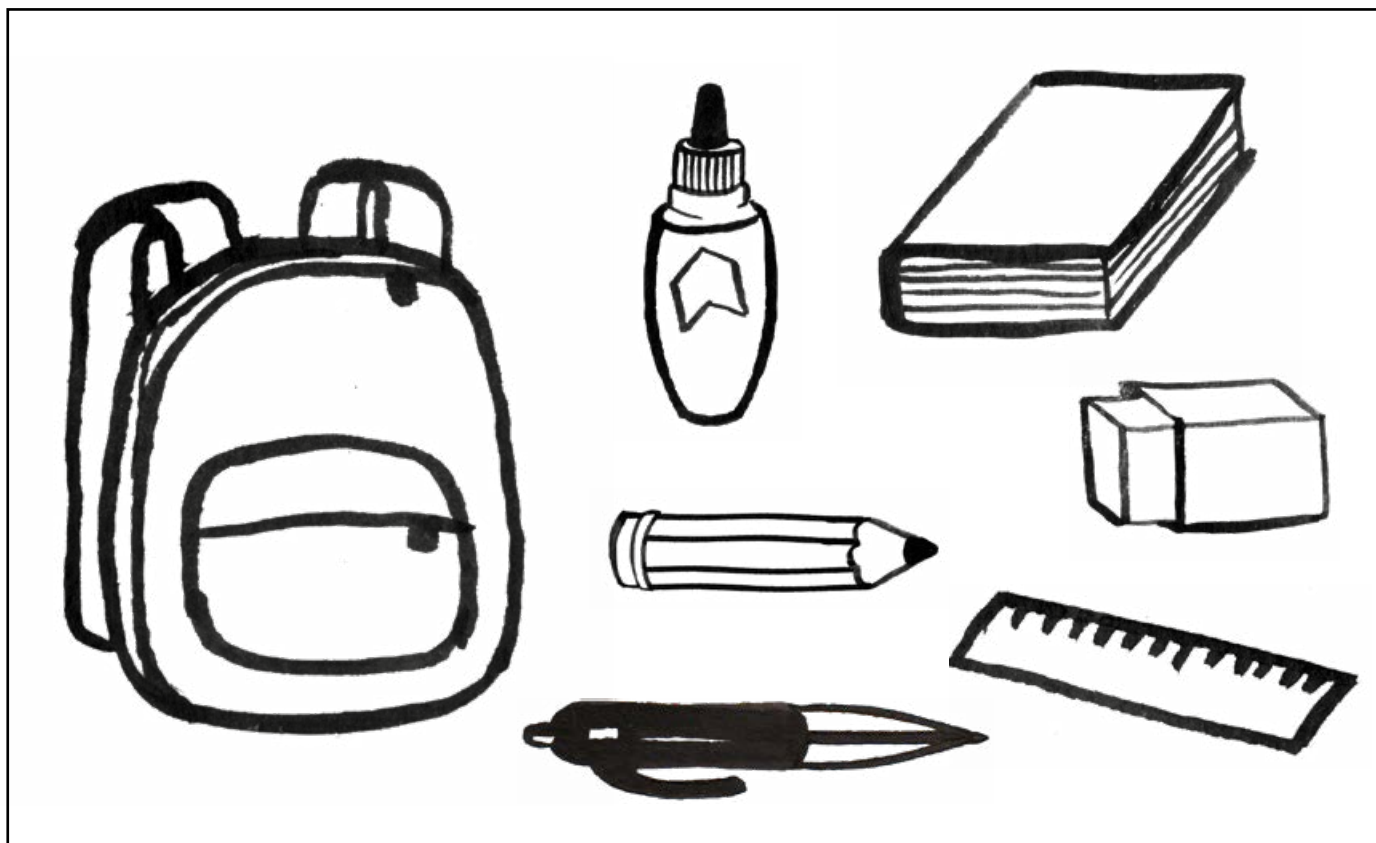
2 Biyela eyona ikhaphukhaphu.

Circle the **lightest**.



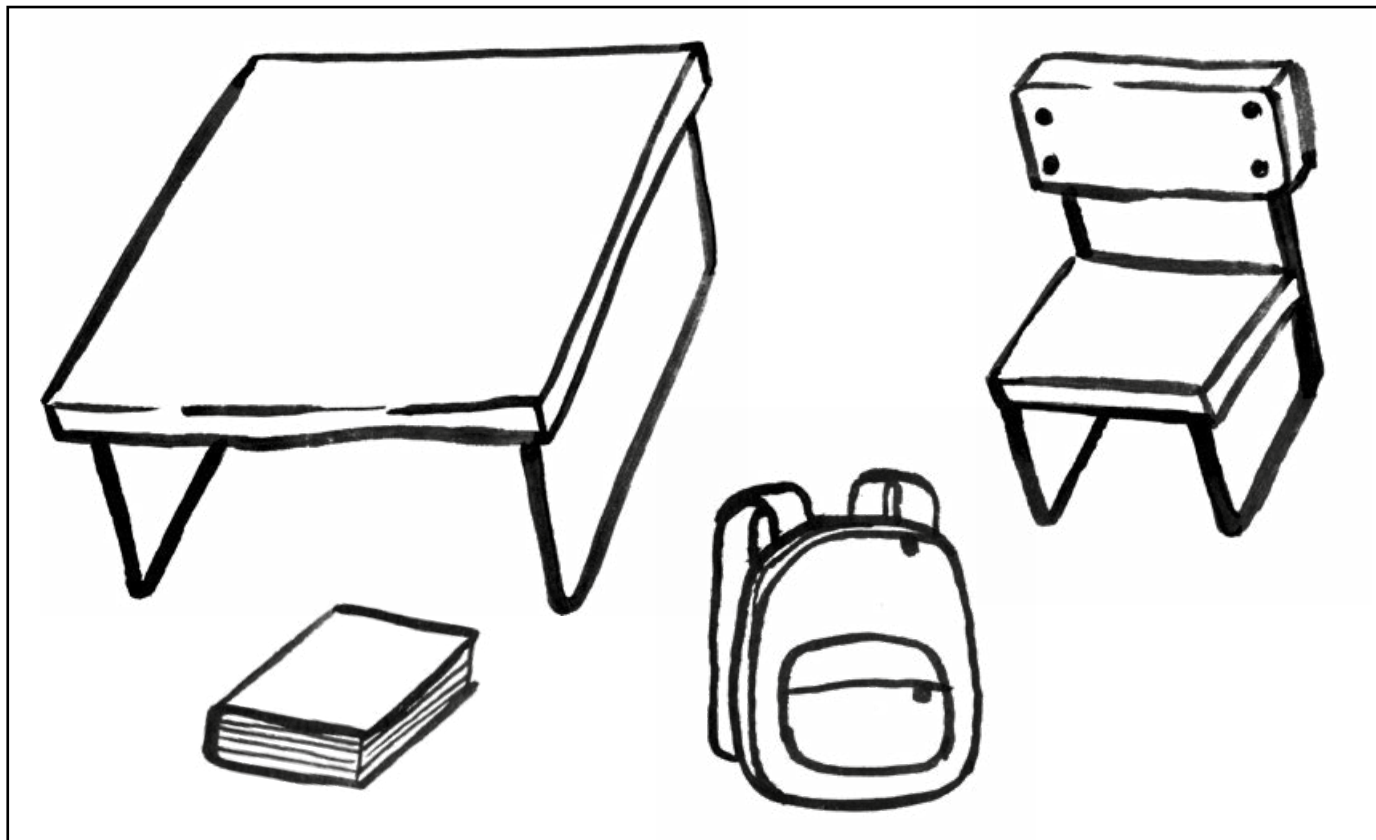
3 Fakela umbala kwinto ekhaphukhaphu.

Colour in something that is **light**.



4 Fakela umbala kwinto enzima.

Colour in something that is **heavy**.



IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP - IIBHONDI
ZAMANANI UKUYA KU-5
FIZZ POP - BONDS UP TO 5

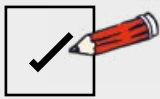
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

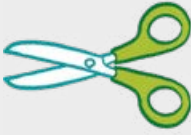
1 Enzima kunenye? Tikisha ibhokisi.

Heavier? Tick the box.



2 Zoba utolo uye kwinto ekhaphukhaphu.

Draw an arrow to something that is lighter.

Inzima Heavier






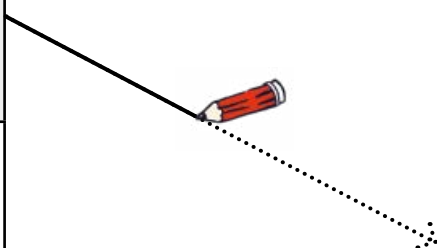


Ikhaphukhaphu Lighter







IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP - IIBHONDI
ZAMANANI UKUYA KU-5
FIZZ POP - BONDS UP TO 5

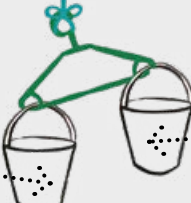
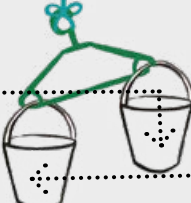
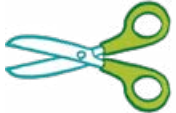
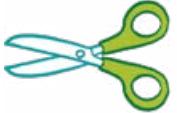
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

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OKUSEBENZELA
WORKSHEETS

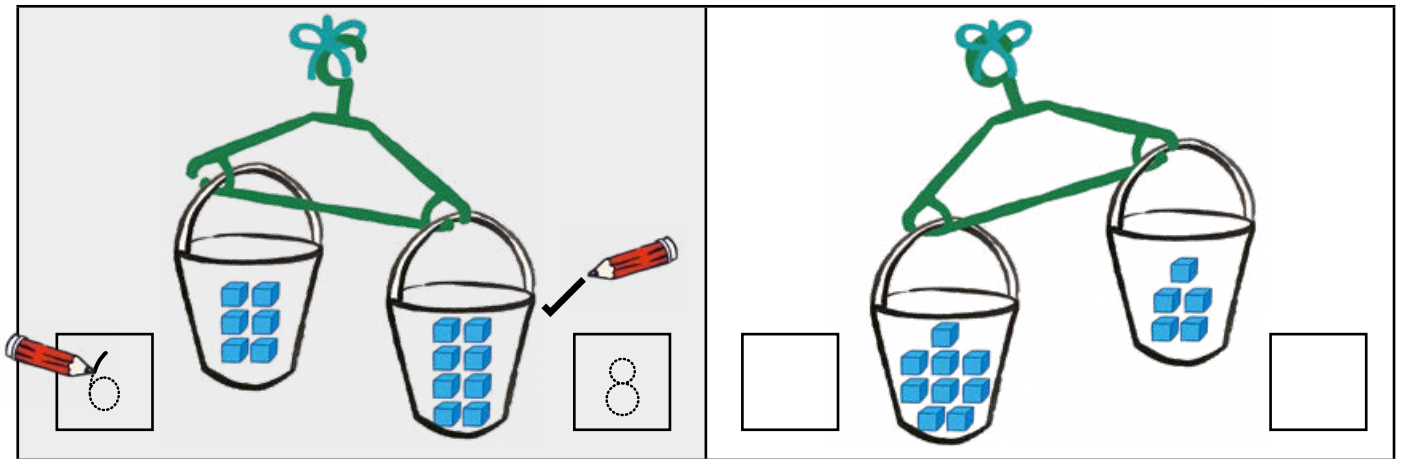
1 Zoba utolo ubonise ukuba ziya ngaphi izinto (inzima okanye ikhaphukhaphu).

Draw an arrow to show where the objects would go (heavier or lighter).

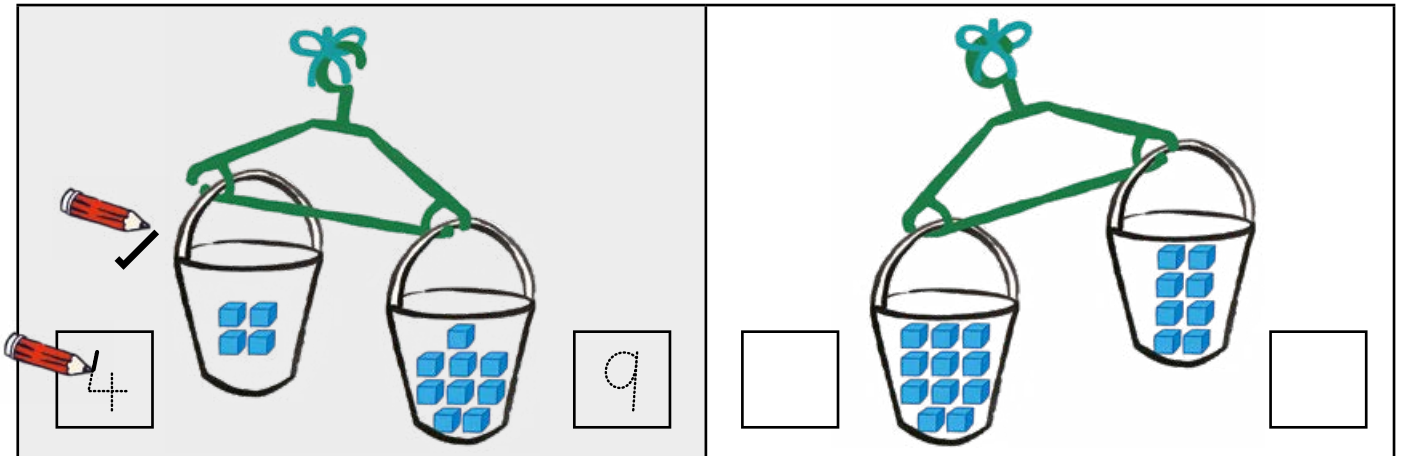
2 Zingaphi iibloko? Phawula icala elinzima.

How many blocks? Tick the **heavier** side.



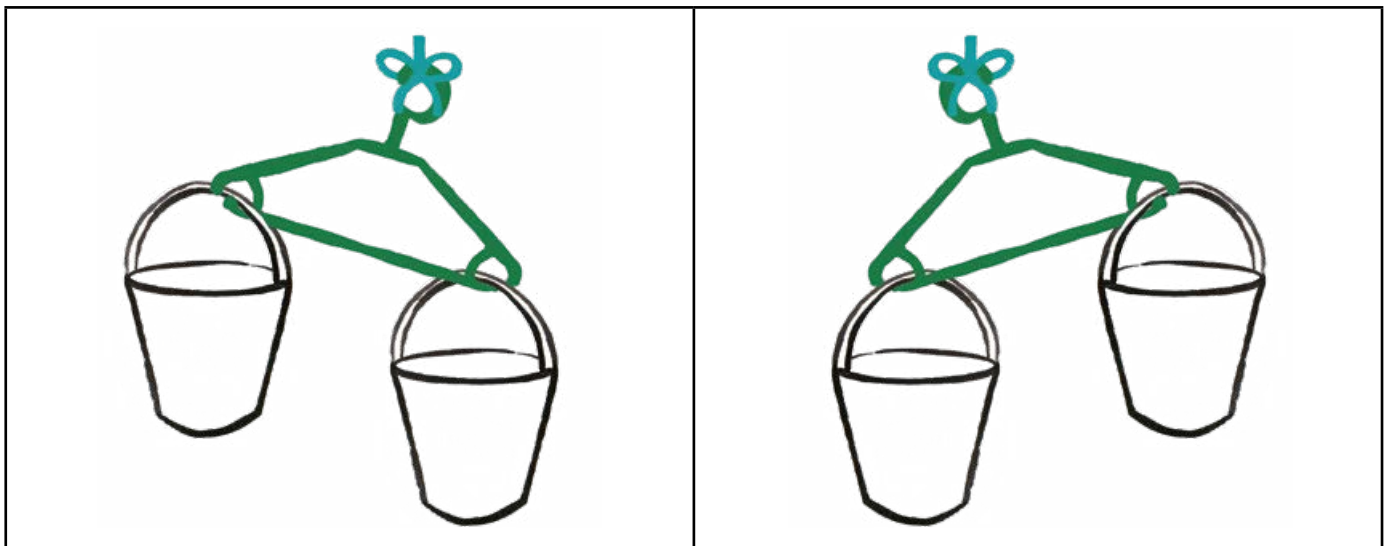
3 Zingaphi iibloko? Phawula icala elikhaphukhaphu.

How many blocks? Tick the **lighter** side.



4 Zoba iibloko ukuze isikali sijinge ngokuchanekileyo.

Draw blocks so that the scale is hanging correctly.



IZIBALO
ZENTLOKO
MENTAL MATHS

FIZZ POP - IIBHONDI
ZAMANANI UKUYA KU-5
FIZZ POP - BONDS UP TO 5

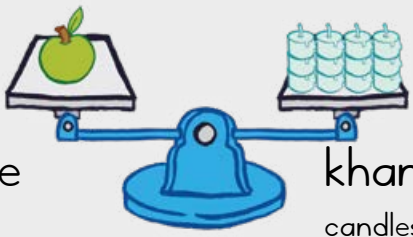
UPHUHLISO
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CONCEPT DEVELOPMENT

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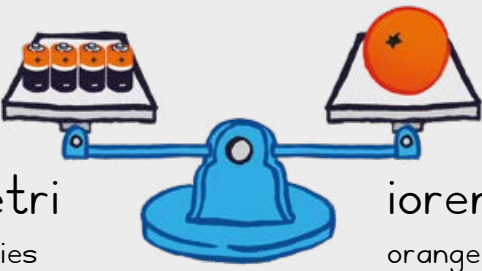
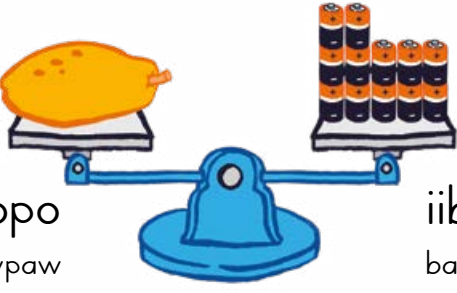
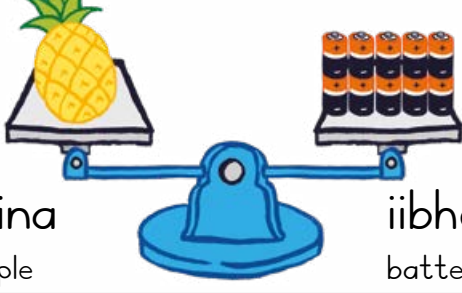
I Gqibezela isivakalisi.

Complete each sentence.

 ipopo pawpaw itumato tomato	Ipopo inzima kunetumato. The pawpaw is heavier than the tomato.
 ncwadi book bhegi bag	I_____ ikhaphukhaphu kune_____. The _____ is lighter than the _____.
 apile apple khandlela candles	Iapile linobunzima obulinganayo nobamakhandlela ali-12. The apple has the same mass as 12 small candles.
 iorenji orange khandlela candles	Iorenji inobunzima obulinganayo nobamakhandlela amancinci ama_____. The orange has the same mass as _____ small candles.
 apile apple iibhetri batteries	Iapile linobunzima obufanayo nobeebhetri ezi_____. The apple has the same mass as _____ batteries.
 iibhetri batteries bhola ball	Ibhola inobunzima obulinganayo nobeebhetri ezi_____. The ball has the same mass as _____ batteries.

2 Iyunithi yibhetri e-l.

A unit is 1 battery.

 iibhetri batteries iorenji orange	Ubunzima beorenji ziiyunithi ezi- <u>4</u>. The mass of the orange is <u>4</u> units.
 itumato tomato iibhetri batteries	Ubunzima betumato ziiyunithi ezi- ____. The mass of the tomato is ____ units.
 ipopo pawpaw iibhetri batteries	Ubunzima bepopo ziiyunithi ezi- ____. The mass of the pawpaw is ____ units.
 iibhetri batteries isikwashi squash	Ubunzima besikwashi ziiyunithi ezi- ____. The mass of the squash is ____ units.
 ipayina pineapple iibhetri batteries	Ubunzima bepayina ziiyunithi ezi- ____. The mass of the pineapple is ____ units.
 iibhetri batteries iti tea	Ubunzima beti ziiyunithi ezi- ____. The mass of the tea is ____ units.

Umdlalo: Yeyiphi enzima? Game: Which one is heavier?

Kuza kufuneka abafundi babe nesikali sokulinganisela abazenzeleyo emakhaya ukuze badlale lo mdlalo.

You will need a home-made balance scale to play the game.

Zikhethele izinto zokudlala. Masikhangele ubunzima.

Choose your items! Let's check the mass.

Ndikhetha ipenisile kunye neglu.

I choose a pencil and glue.

Ndithi iglu inzima kunepenisile.

I say glue is heavier than the pencil.



1

Ipenisile ikhaphukhaphu kuneglu.

The pencil is lighter than the glue.

Iglu inzima kunepenisile. Ndiphumelele.

The glue is heavier than the pencil. I win.



2

Ndiketha iikhrayoni nesikere.

I choose crayons and scissors.

Masidlale kwakhona. Makukhethe wena.

Let's play again. You choose.

Ndithi isikere sinzima kuneekhrayoni.

I say the scissors are heavier than the crayons.



3

Iikrayoni zinzima kunesikere. Ndiphumelele.

The crayons are heavier than the scissors. I win.

Isikere sikhaphukhaphu kuneekhrayoni.

The scissors are lighter than the crayons.



4

Abafundi mabatshintshiselane ngokuhlela nangokukhetha izinto. Bangabhala phantsi ukuba mingaphi imijikelo abafumana ngayo amanqaku.

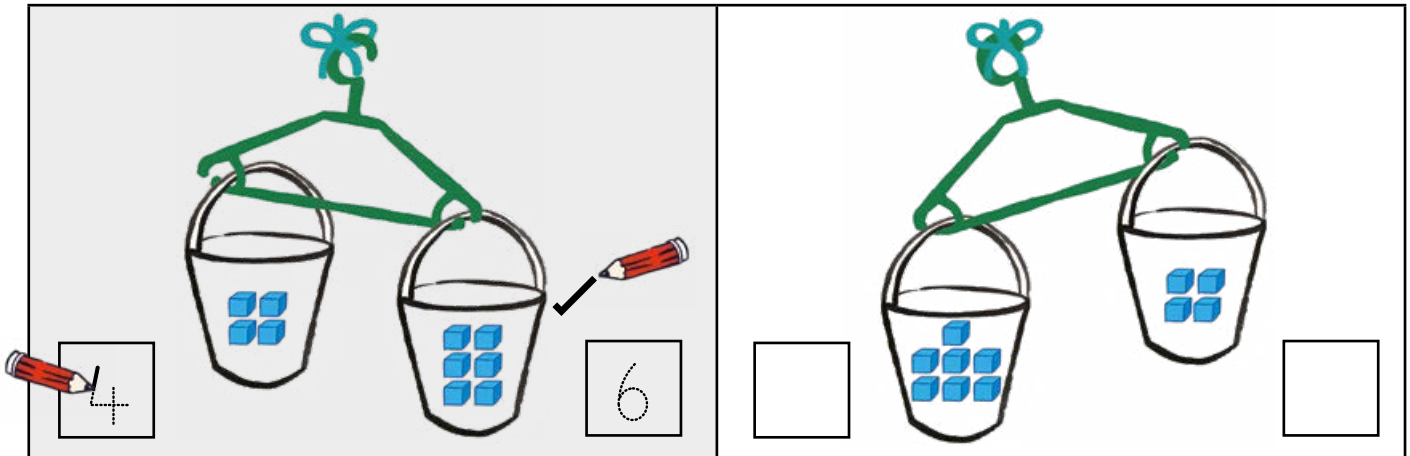
Take turns to choose items. Keep a record of how many rounds you win a point.

IPHEPHA LOKUSEBENZELA
WORKSHEET

IPHEPHA LOKUSEBENZELA
WORKSHEET

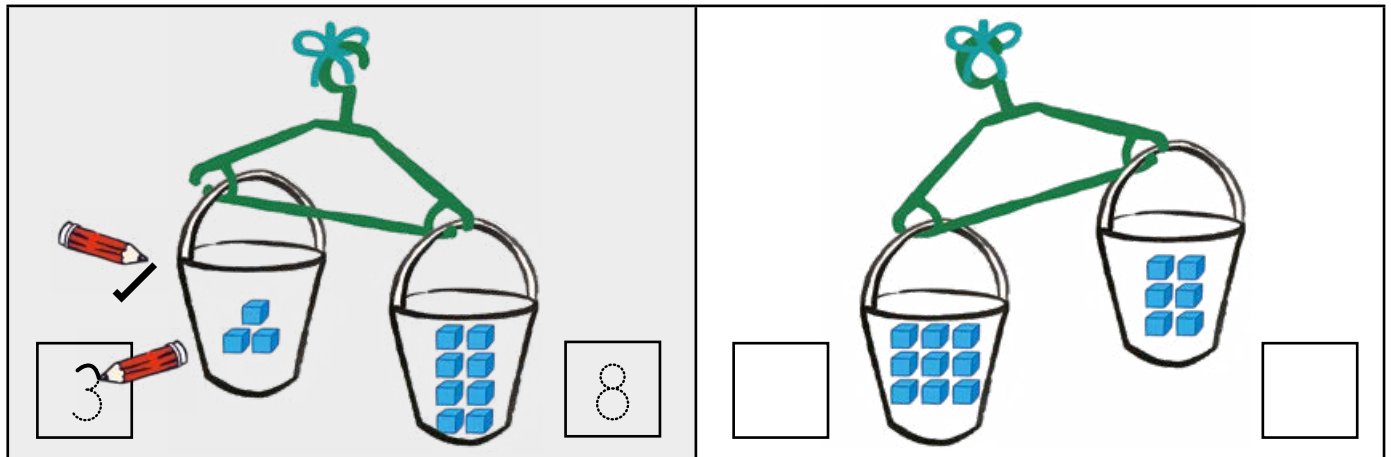
1 Zingaphi iibloko? Phawula icala elinzima.

How many blocks? Tick the **heavier** side.



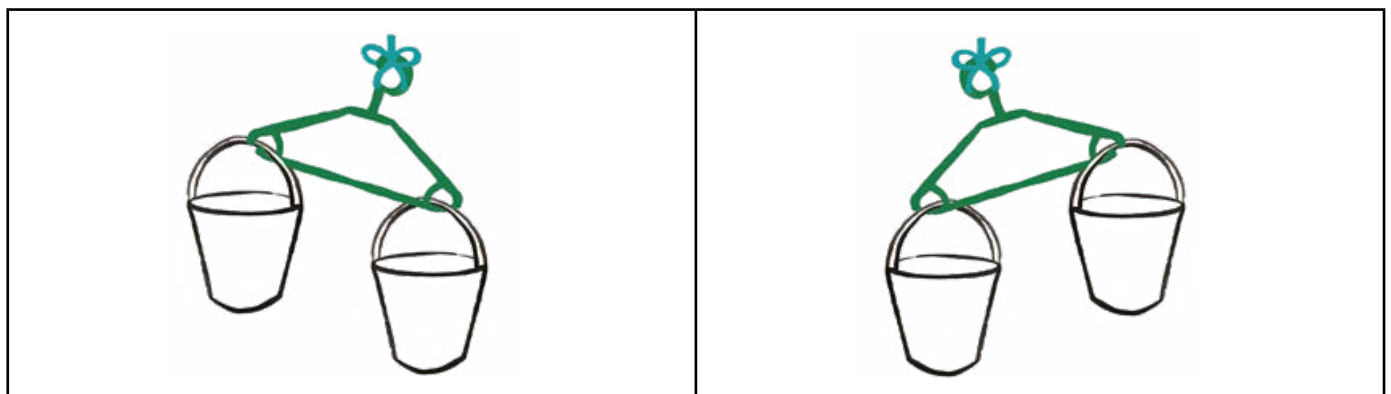
2 Zingaphi iibloko? Phawula icala elikhaphukhaphu.

How many blocks? Tick the **lighter** side.



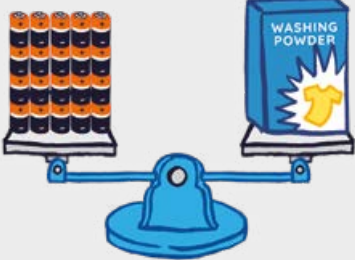
3 Zoba iibloko ukuze isikali sijinge ngokuchanekileyo.

Draw blocks so that the scale is hanging correctly.



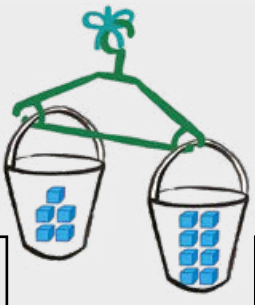
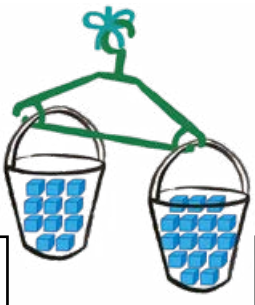
4 Iyunithi yibhetri e-l.

A unit is 1 battery.

	Ubunzima besepha ziiyunithi ezi- <u>20</u>. The mass of the soap is <u>20</u> units.
	Ubunzima beekhrayoni ziiyunithi ezi- ____. The mass of the crayons is ____ units.
	Ubunzima bamakhadi ziiyunithi ezi- ____. The mass of the cards is ____ units.

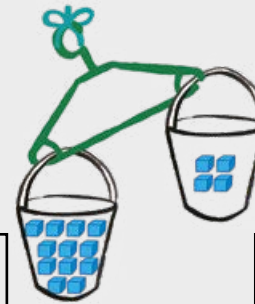
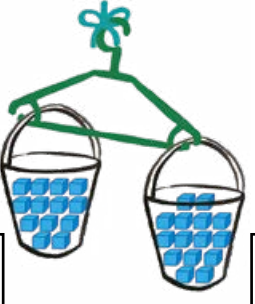
5 Phawula nge-✓ umthwalo onzima.

Tick the **heavier** load.

 ☐ ☒	 ☐ ☐	 ☐ ☐
---	--	--

6 Phawula nge-✓ umthwalo okhaphukhaphu.

Tick the **lighter** load.

 ☐ ☒	 ☐ ☐	 ☐ ☐
---	--	--



IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
LELIKABANI ELIKHULU?
1, 2, 3 SHOW - WHOSE IS BIGGER?

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

Beka iintaka kumthi ngamnye, ngowuphi umthi oneentaka ezininzi?

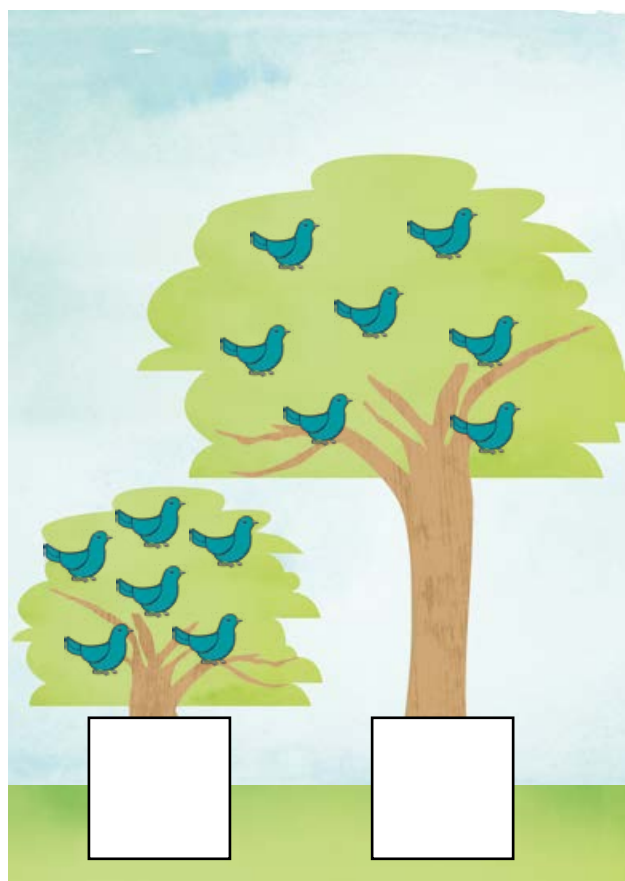
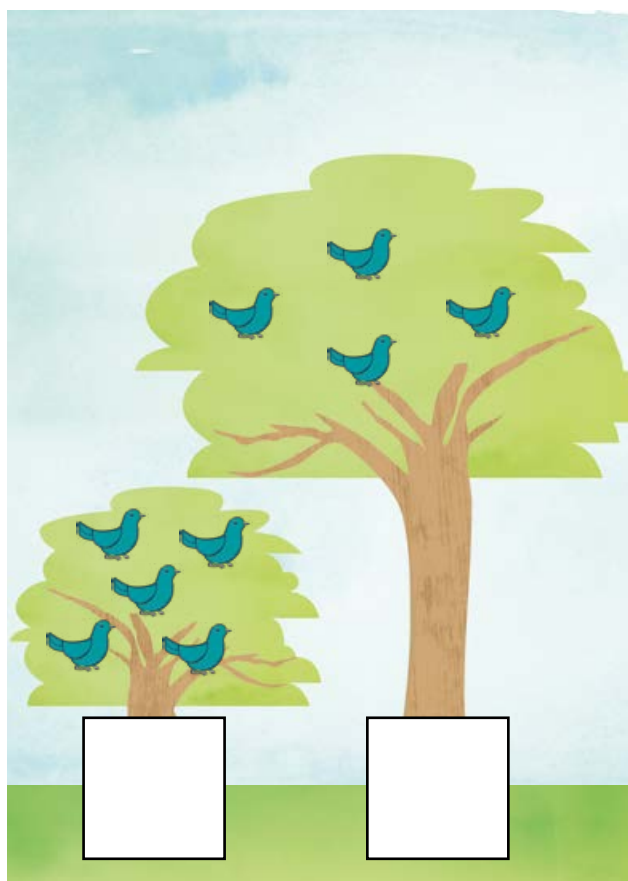
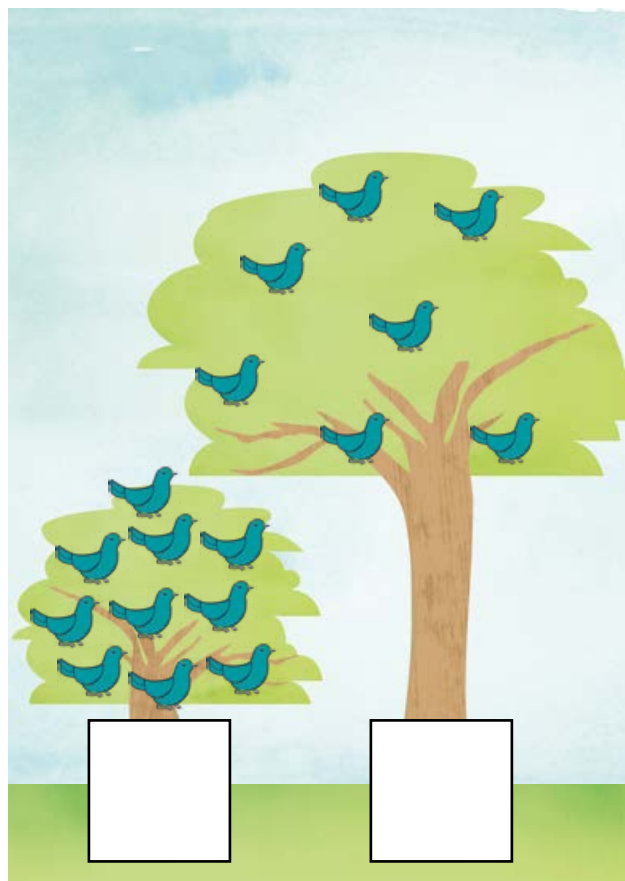
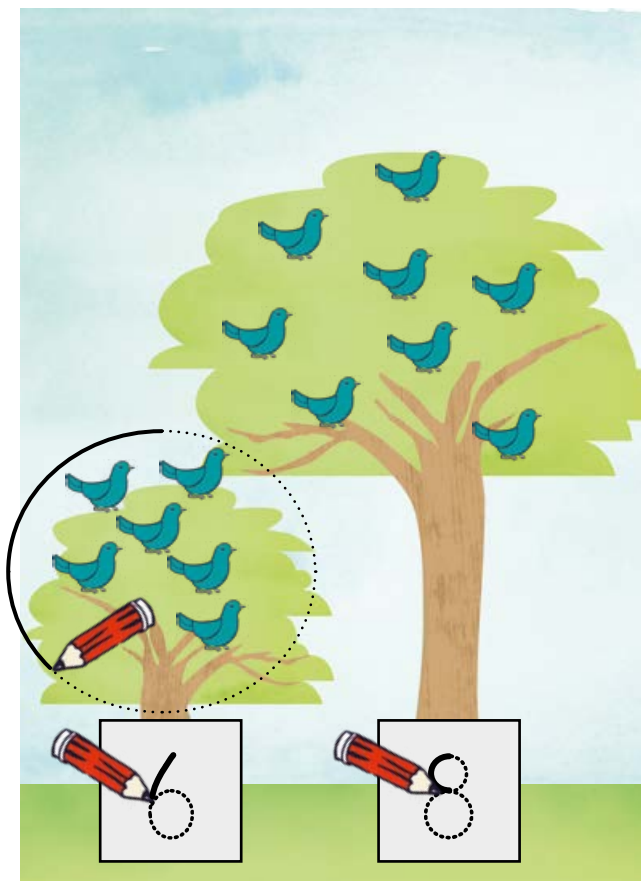
Put some birds into each tree. Which tree has more birds?

Sebenzisa izibalisi zakho.

Use your counters.



1 Zingaphi iintaka? Biyela umthi oneentaka ezimbalwa.
How many birds? Circle the tree with **less** birds.

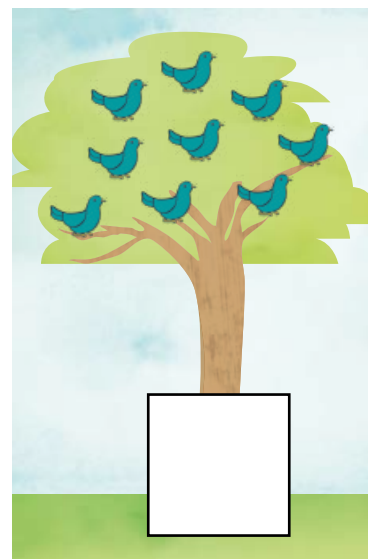
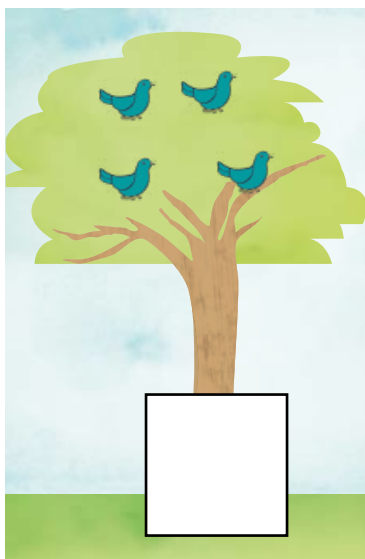
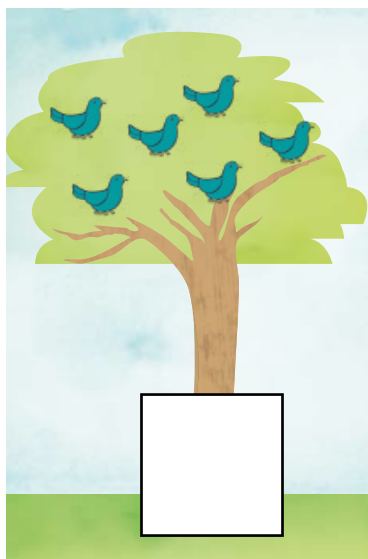


Which tree has less?

Week 9 • Day 1

2 Zingaphi iintaka? Biyela umthi onezona ntaka zininzi?

How many birds? Circle the tree with **most** birds.



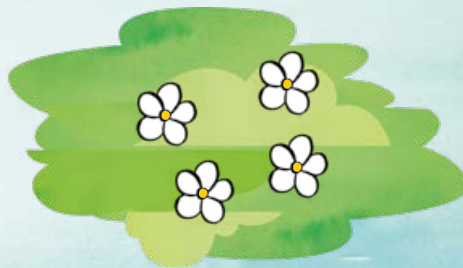
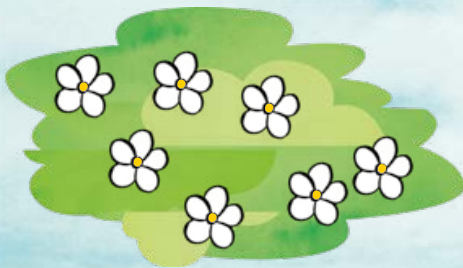
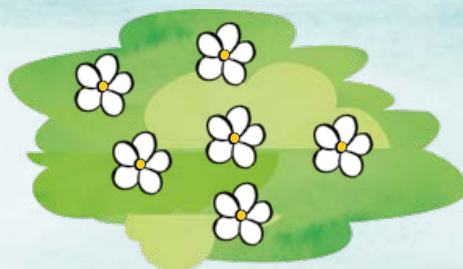
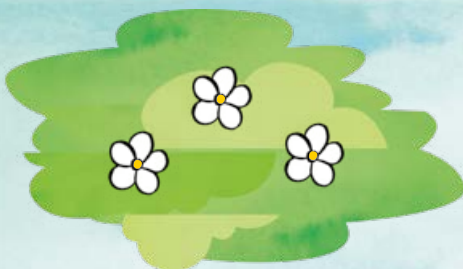
3 Mangaphi ama-apile? Biyela ibhasikiti enawona ma-apile ambalwa.

How many apples? Circle the basket with the **least** apples.



4 Zingaphi iintyatyambo? Biyela isihlahla esinezona ntyatyambo zimbalewa.

How many flowers? Circle the bush with the **least** flowers.





Xoxani ukuba yeyiphi enezininzi okanye yeyiphi enezimbalwa.

Discuss which is **more** and which is **less**.



u-5 ungaphezulu kuno-3. 5 is **more** than 3.

u-5 mkhulu kuno-3. 5 is **bigger** than 3.

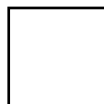


u-3 ungaphantsi kuno-5. 3 is **less** than 5.

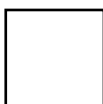
u-3 mncinci kuno-5. 3 is **smaller** than 5.



ungaphezulu kuno-



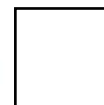
is **more** than



mncinci kuno-



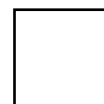
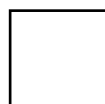
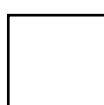
is **less** than



ungaphezulu kuno-

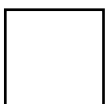


is **more** than



mncinci kuno-

is **less** than



1 Biyela inani elikhulu.

Circle the **bigger** number.

3	5
---	---

1	4
---	---

3	2
---	---

6	5
---	---

4	6
---	---

5	3
---	---

2 Biyela inani elincinci.

Circle the **smaller** number.

10	9
----	---

4	5
---	---

6	8
---	---

10	8
----	---

7	2
---	---

1	10
---	----

3 Biyela elona nani likhulu.

Circle the **biggest** number.

2	4
6	3
8	

5	9
10	7
6	

4 Biyela elona nani lincinci.

Circle the **smallest** number.

2	6
8	5
4	

5	3
4	9
6	



Yenza amanye amatreyini abonisa iibloko ezingaphezulu okanye ezingaphantsi kunezinye.

Make trains with **more** than and **less** than.

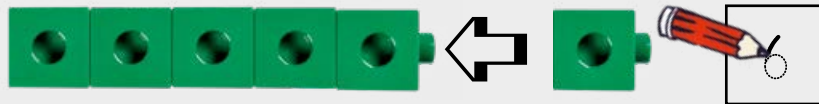
1 Eli itreyini lineebloko ezi-5.

Here is a train of 5.



Yenza itreyini elinebloko e-1 ngaphezulu.

Make a train with 1 **more** block.

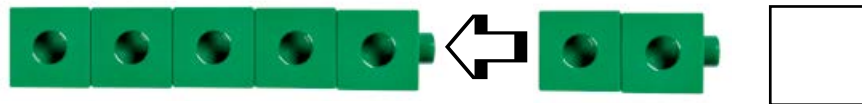


E-1 ngaphezu kwezi-5 yenza ...

1 **more** than 5 is ...

Yenza itreyini elinebloko ezi-2 ngaphezulu.

Make a train with 2 **more** blocks.



Ezi-2 ngaphezu kwezi-5 zenza ...

2 **more** than 5 is ...

Yenza itreyini elineebloko e-1 ngaphantsi.

Make a train with 1 **less** block.

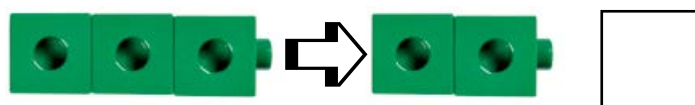


E-1 ngaphantsi kwezi-5 yenza ...

1 **less** than 5 is ...

Yenza itreyini elineebloko ezi-2 ngaphantsi.

Make a train with 2 **less** blocks.



Ezi-2 ngaphantsi kwezi-5 zenza ...

2 **less** than 5 is ...

2 Eli itreyini lineebloko ezi-7.

Here is a train of 7.



Yenza itreyini elinebloko e-1 ngaphezulu.

Make a train with 1 more block.



E-1 ngaphezu kwezisi-7 yenza ...

1 more than 7 is ...

Yenza itreyini elineebloko ezi-2 ngaphezulu.

Make a train with 2 more blocks.



Ezi-2 ngaphezu kwezisi-7 zenza ...

2 more than 7 is ...

Yenza itreyini elinebloko e-1 ngaphantsi.

Make a train with 1 less block.



E-1 ngaphantsi kwezi-7 yenza ...

1 less than 7 is ...

Yenza itreyini elineebloko ezi-2 ngaphantsi.

Make a train with 2 less blocks.

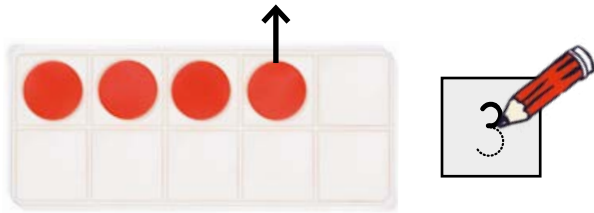


Ezi-2 ngaphantsi kwezi-7 zenza ...

2 less than 7 is ...

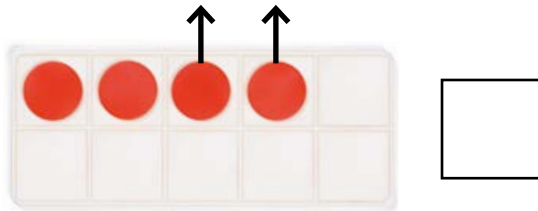
3 Leliphi inani elingaphantsi ngo-1 kuno-4?

What is 1 **less** than 4?



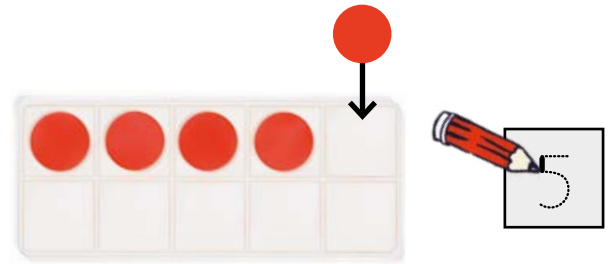
Leliphi inani elingaphantsi ngo-2 kuno-4?

What is 2 **less** than 4?



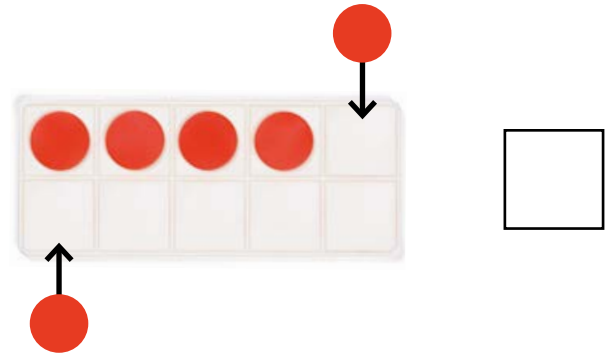
Leliphi inani elingaphezulu ngo-1 kuno-4?

What is 1 **more** than 4?



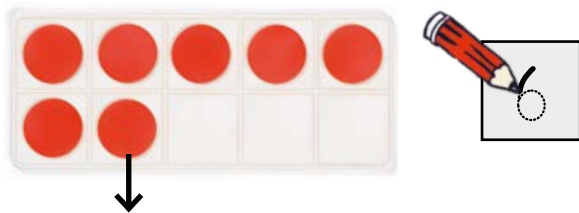
Leliphi inani elingaphezulu ngo-2 kuno-4?

What is 2 **more** than 4?



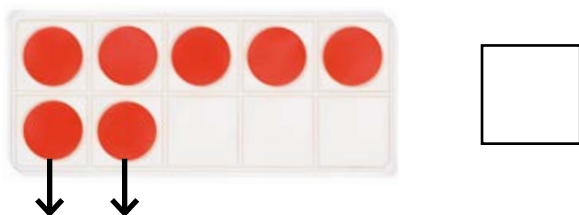
4 Leliphi inani elingaphantsi ngo-1 kuno-7?

What is 1 **less** than 7?



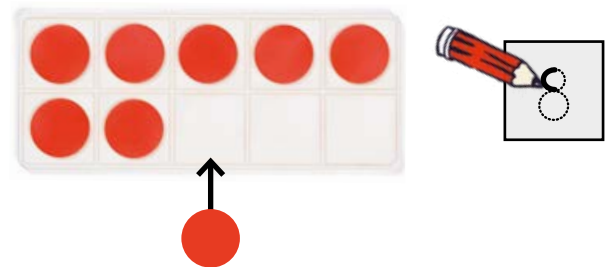
Leliphi inani elingaphantsi ngo-2 kuno-7?

What is 2 **less** than 7?



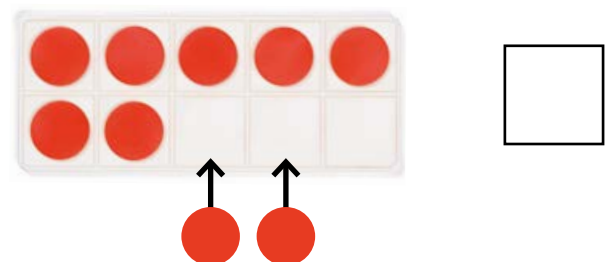
Leliphi inani elingaphezulu ngo-1 kuno-7?

What is 1 **more** than 7?



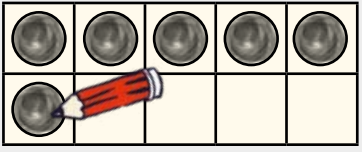
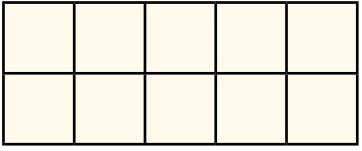
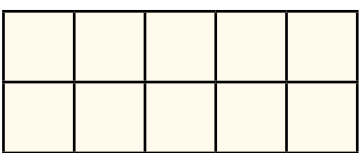
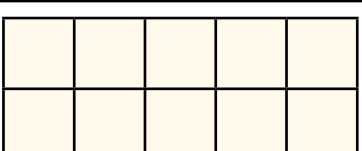
Leliphi inani elingaphezulu ngo-2 kuno-7?

What is 2 **more** than 7?



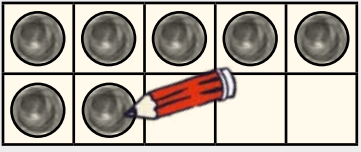
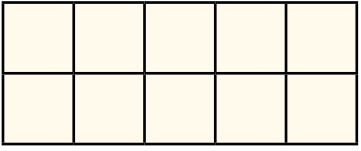
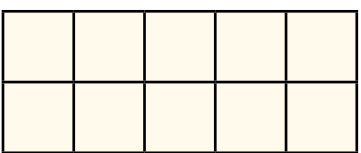
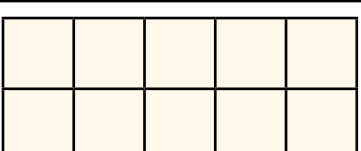
5 Yenza amachokoza ubonise inani.

Draw dots to show the number.

6	
4	
8	
9	

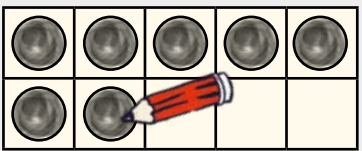
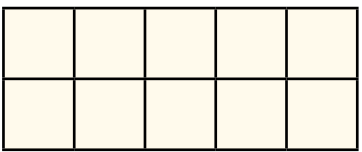
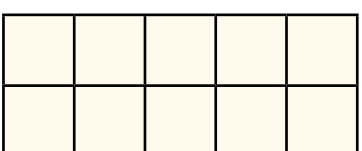
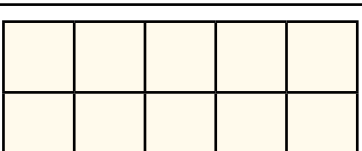
Zoba ibenye ngaphezulu.

Draw 1 more.

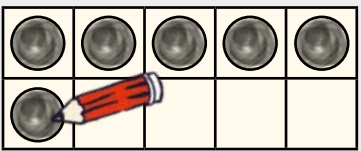
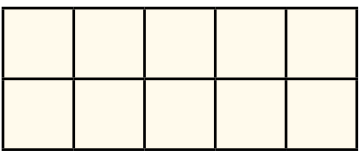
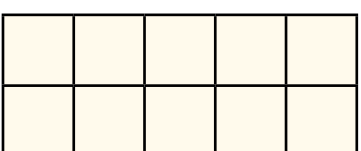
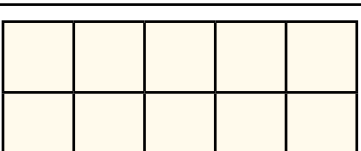
6 Yenza amachokoza bonise inani.

Draw dots to show the number.

7	
5	
9	
10	

Zoba ibenye ngaphantsi.

Draw 1 less.

Thelekisa amanani

Comparing numbers

IZIBALO
ZENTLOKO
MENTAL MATHS

1, 2, 3 VEZA -
LELIKABANI ELIKHULU?
1, 2, 3 SHOW - WHOSE IS BIGGER?

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

IPHEPHA
LOKUSEBENZELA
WORKSHEET

Umdlalo: Lelikabani elikhulu?

Game: Whose is bigger?

Kufuneka ube nabadlali aba-2, iiseti ezi-2 zamakhadi aneenombolo eziqala ku-0 ziye ku-10.

You need 2 players and 2 sets of cards numbered 0 to 10.



Umfundi onenani elikhulu ugcina amakhadi omabini naye. Ukuba banamakhadi afanayo, umntu ngamnye uthatha ikhadi elinye.

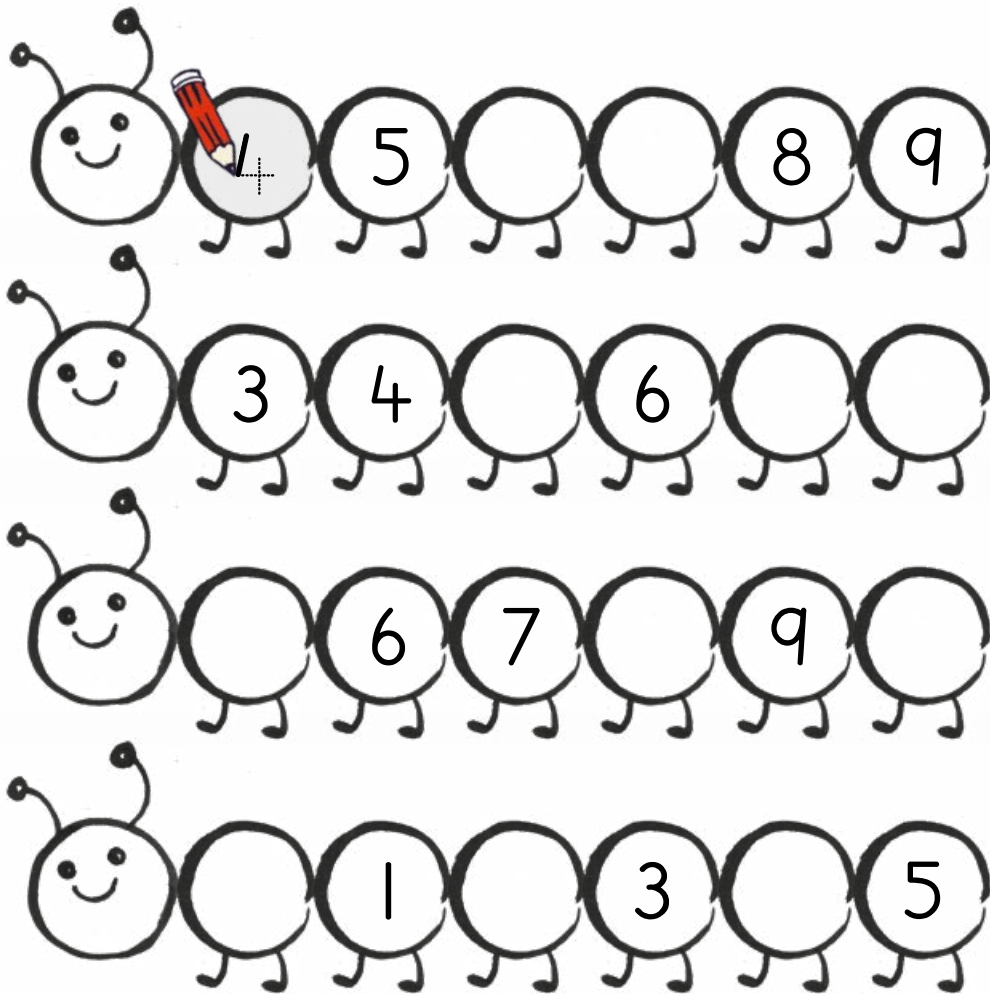
The learner whose number is **bigger** keeps **both** cards. If they are the same keep one card each.

Ophumelelayo ngulowo unamakhadi amaninzi.

The winner is the one who has **more** cards.

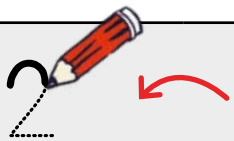
1 Fakela amanani ashinyiweyo.

Fill in the missing numbers.



2 Bhala inani.

Write the number.

Elingaphambili Before	
	3
	5
	6
	7

Elingasemva After	
2	
5	
3	
6	

1 Bhala inani.

Write the number.

Elingaphambili Before	
	7
	8
	6
	9

Elingasemva After	
8	
6	
4	
9	

2 Biyela inani elikhulu.

Circle the **bigger** number.

9	5
---	---

4	6
---	---

1	2
---	---

3 Biyela inani elincinci.

Circle the **smaller** number.

6	3
---	---

7	9
---	---

2	8
---	---

4 Biyela elona inani likhulu.

Circle the **biggest** number.

2	4	8	6	5
---	---	---	---	---

5	4	6	9	3
---	---	---	---	---

5 Biyela elona nani lincinci.

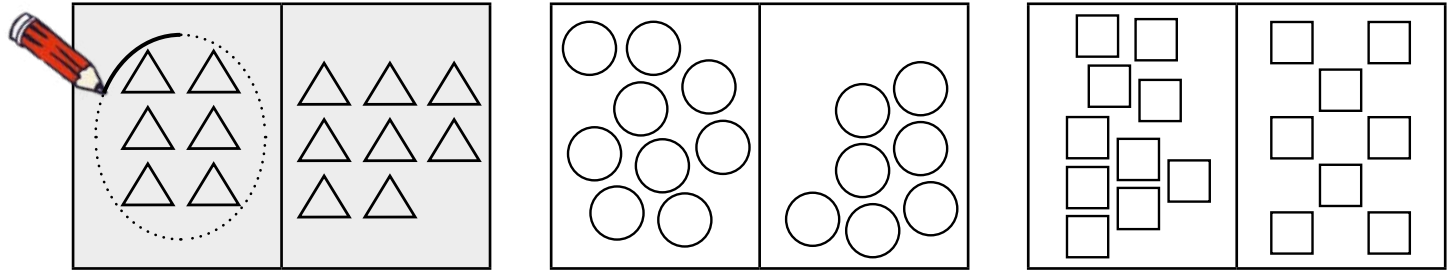
Circle the **smallest** number.

6	2	8	3	6
---	---	---	---	---

10	6	5	9	7
----	---	---	---	---

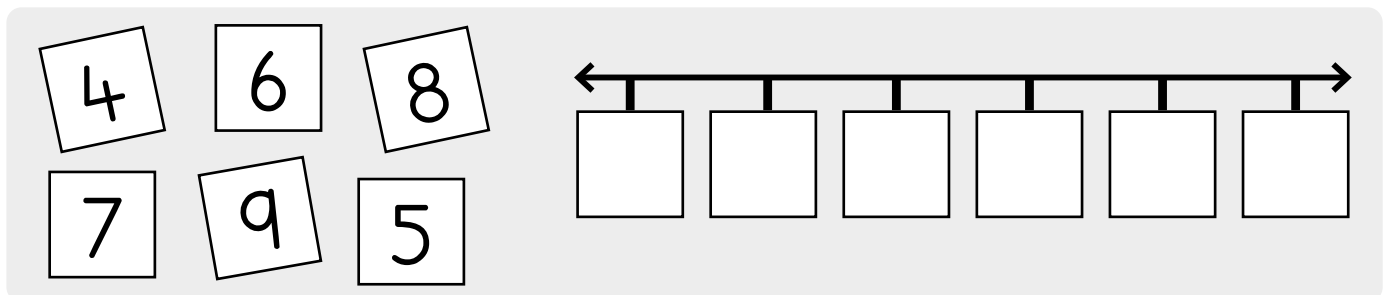
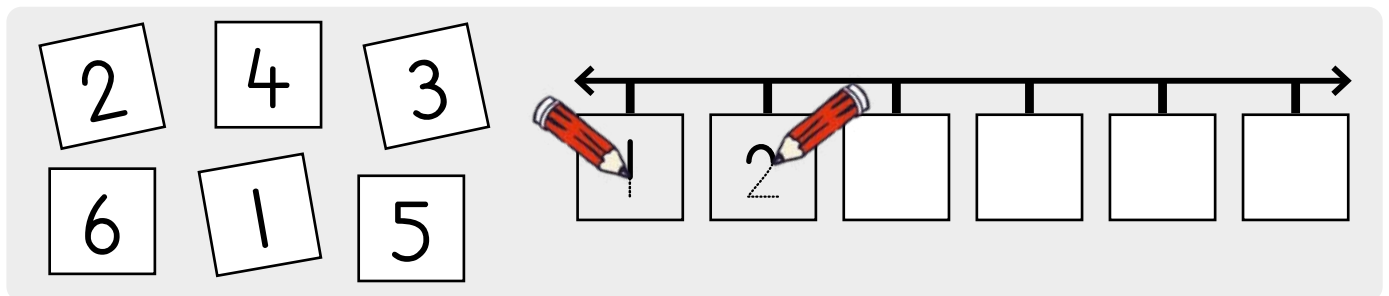
6 Kwibloko nganye biyela iqela elinezona milo zimbalela.

In each block, circle the group with **less** shapes.



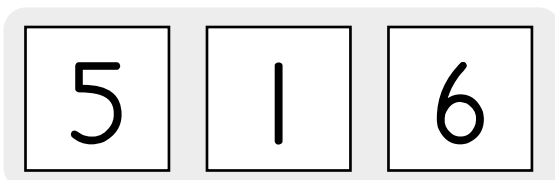
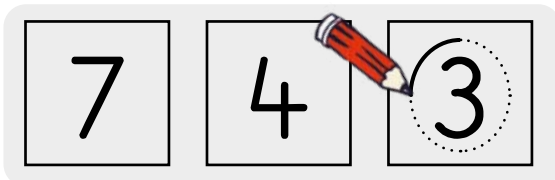
7 Cwancisa la manani uqale ngelona lincinci uye kwelona likhulu.

Arrange the numbers from **smallest** to **biggest**.



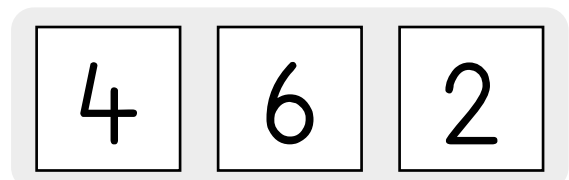
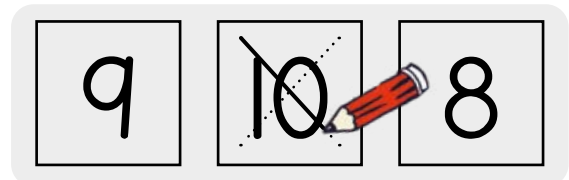
8 Biyela elona nani lincinci.

Circle the **smallest** number.



9 Beke u-X kwelona likhulu.

Cross out the **largest** number.





IZIBALO
ZENTLOKO
MENTAL MATHS

AKWABA
BENDINE
I WISH I HAD

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

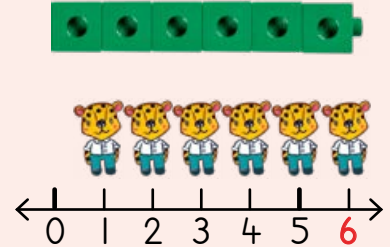
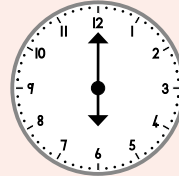
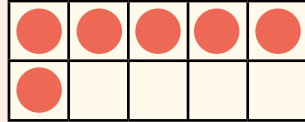
UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

ntandathu

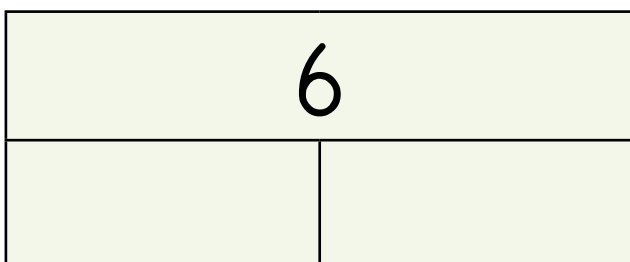
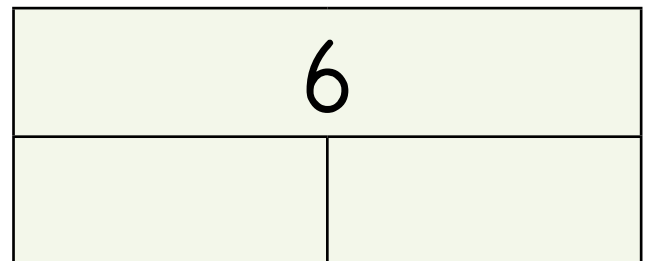
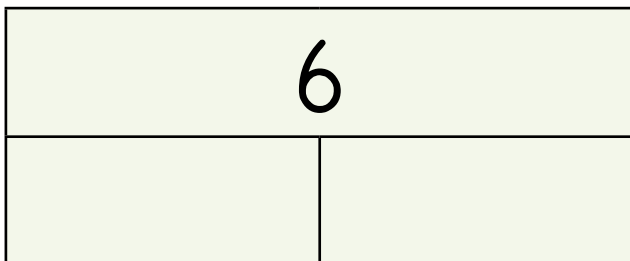
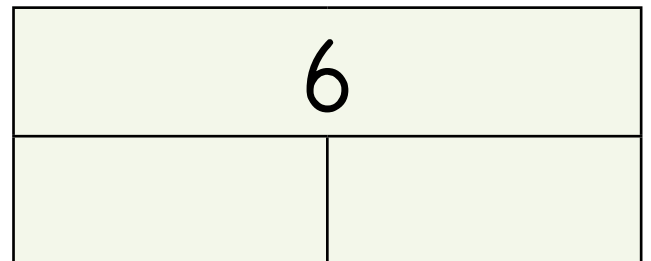
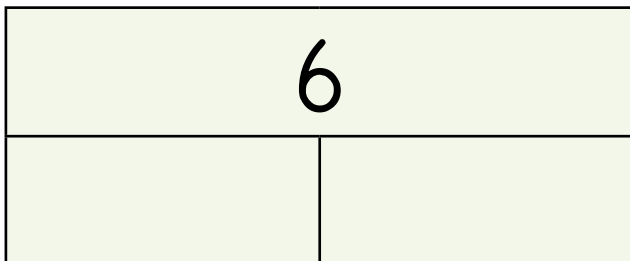
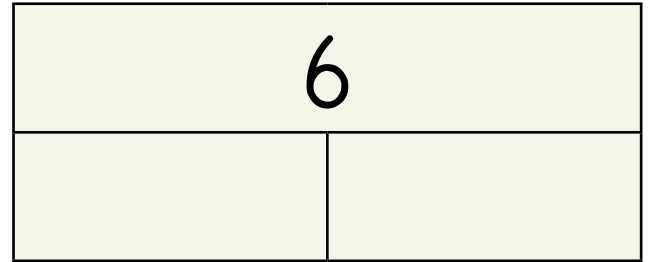
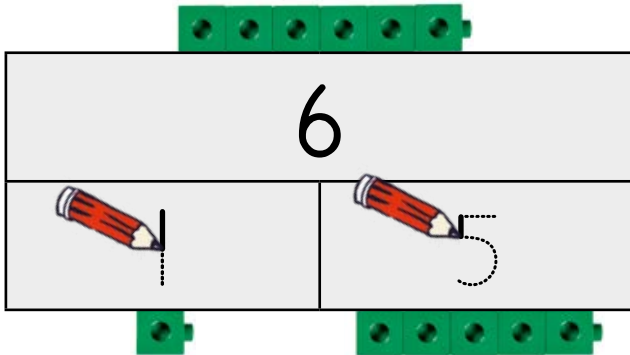
six

6



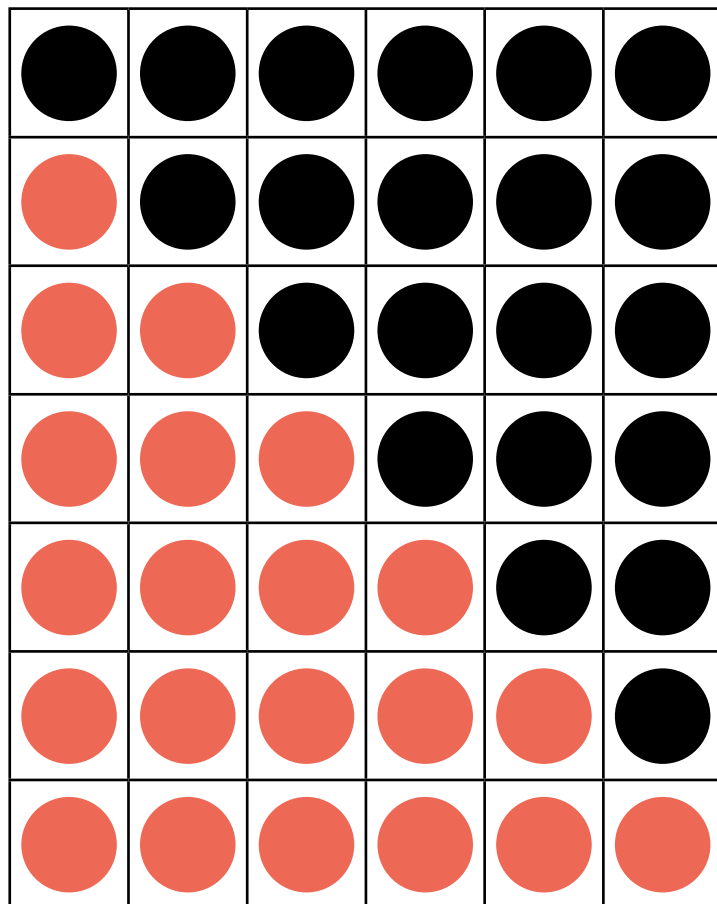
Yenza u-6.

Make 6.



1 Bhala kule ndlu yeebhondi iindlela onokwenza ngazo u-6.

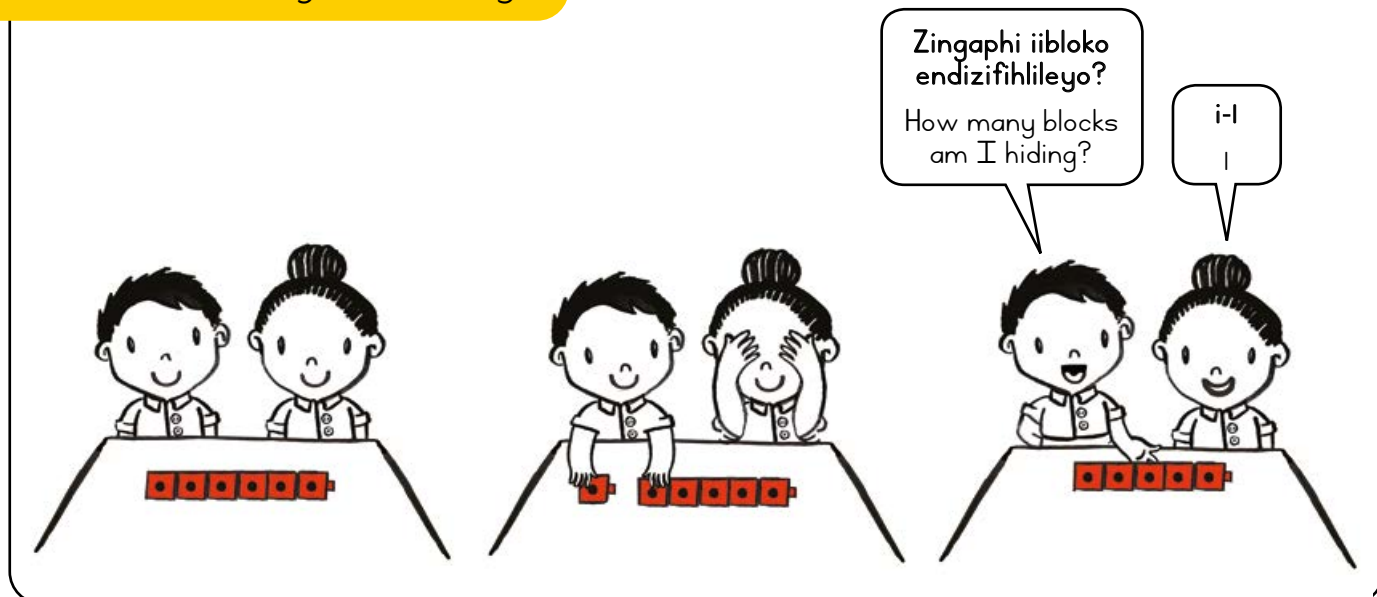
Record the ways to make up 6 in the bond house.



6	
0	6
1	5

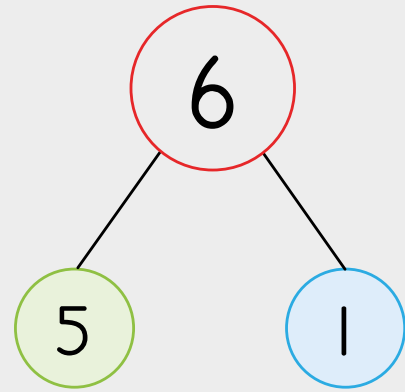
Umdlalo: Ndifihle ezingaphi?

Game: How many am I hiding?



u- 5 no- 1 benza u- 6
and make

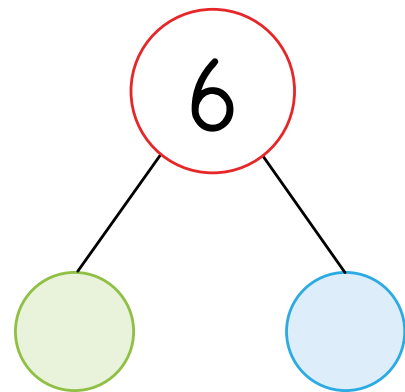
u- 1 no- 5 benza u- 6
and make



2 Ngawaphi amanye amanani enza u-6?
What other numbers make 6?

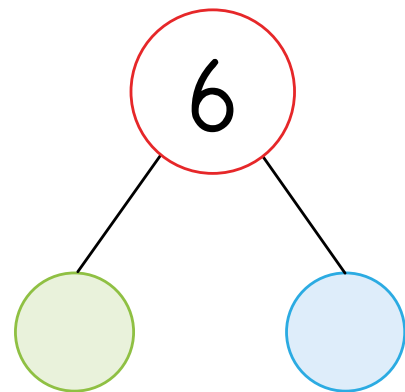
u- 4 no- 2 benza u- 6
and make

u- no- benza u- 6
and make



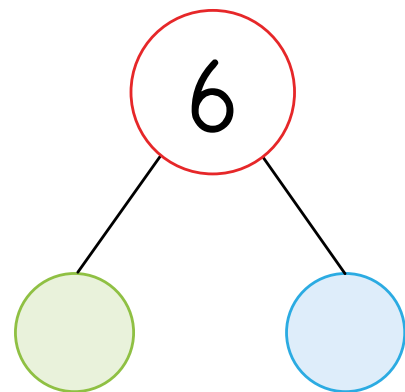
u- 3 no- 3 benza u- 6
and make

u- no- benza u- 6
and make



u- 0 no- 6 benza u- 6
and make

u- no- benza u- 6
and make





IZIBALO
ZENTLOKO
MENTAL MATHS

AKWABA
BENDINE
I WISH I HAD

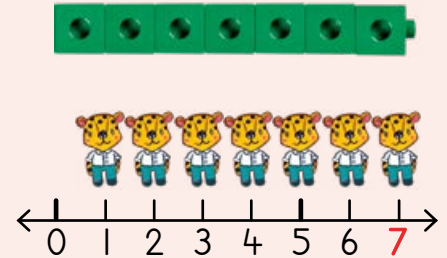
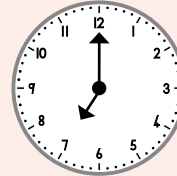
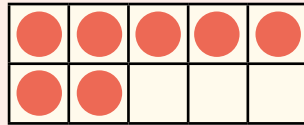
UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

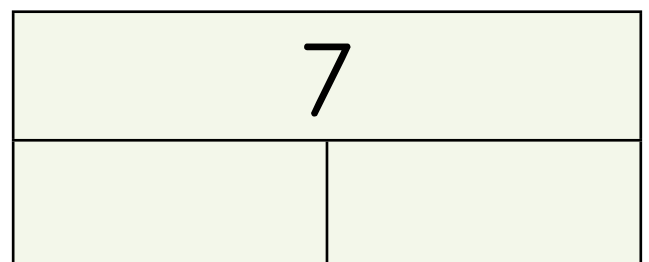
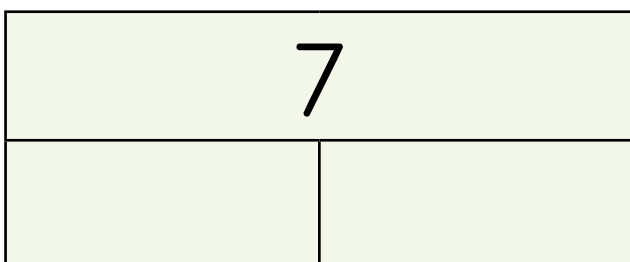
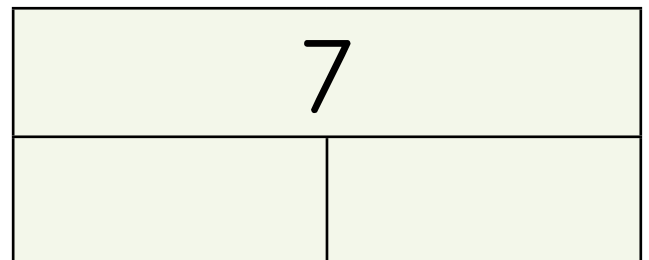
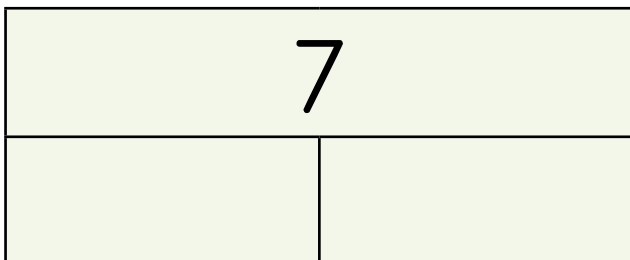
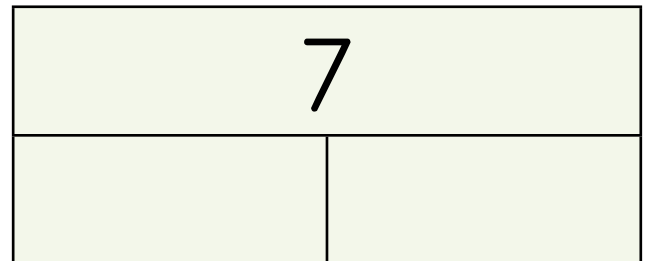
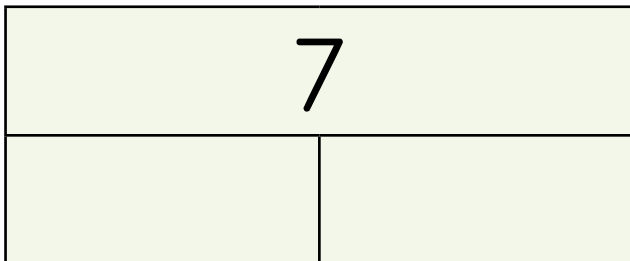
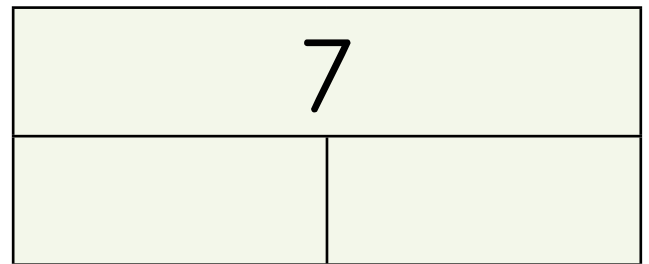
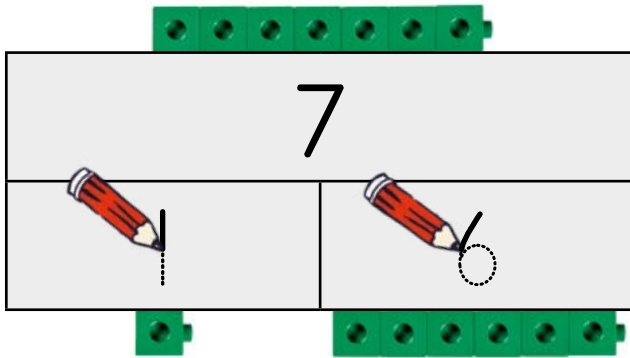
zisixhenxe

seven



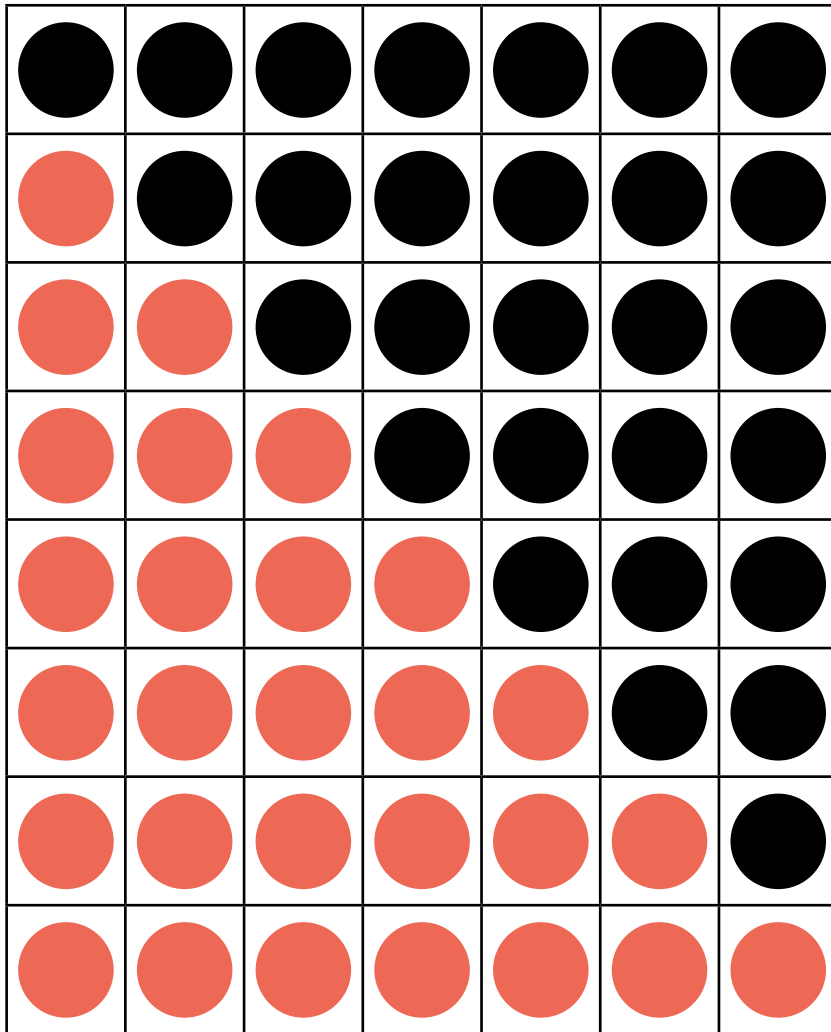
Yenza u-7.

Make 7.



I Bhala kule ndlu yeebhondi iindlela onokwenza ngazo iibhondi zika-7.

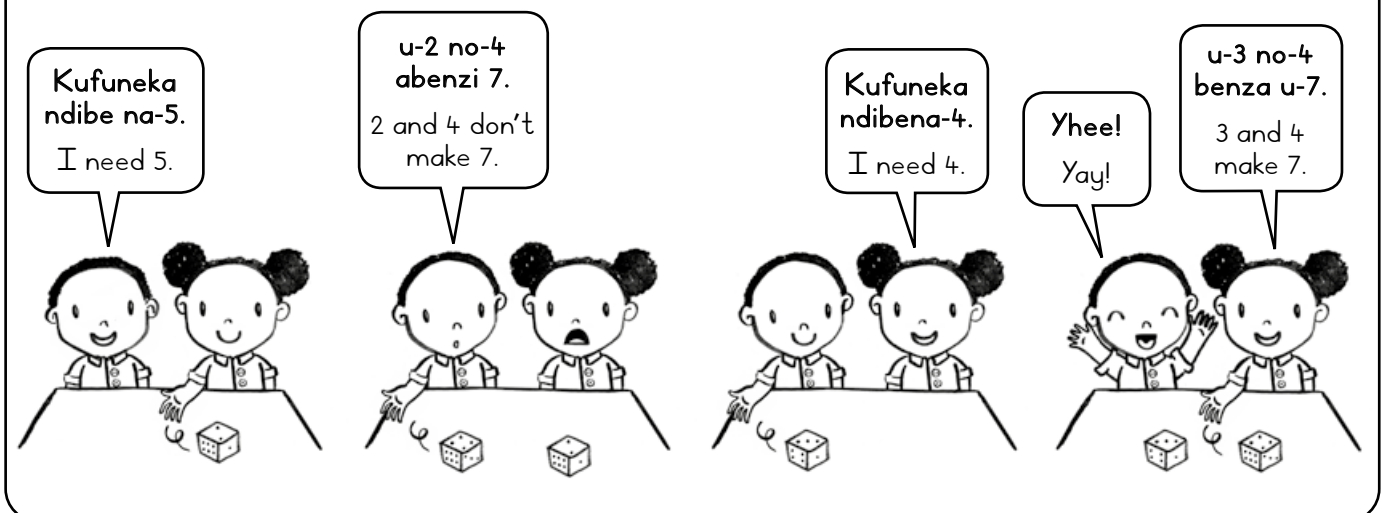
Record the ways to make up 7 in the bond house.



7	
0	7
1	6

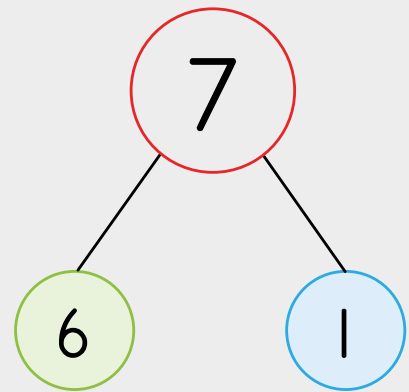
Umdlalo: Singakwazi ukwenza u-7?

Game: Can we get 7?



u- 6 no- 1 benza u- 7
and make

u- 1 no- 6 benza u- 7
and make

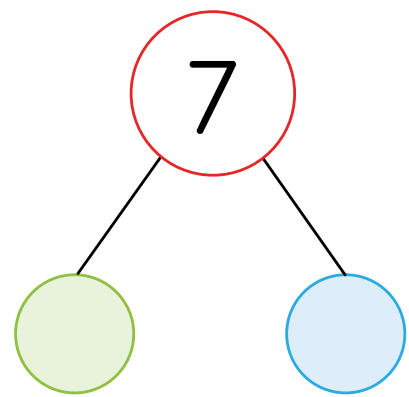


2 Ngawaphi amanani enza u-7?

What other numbers make 7?

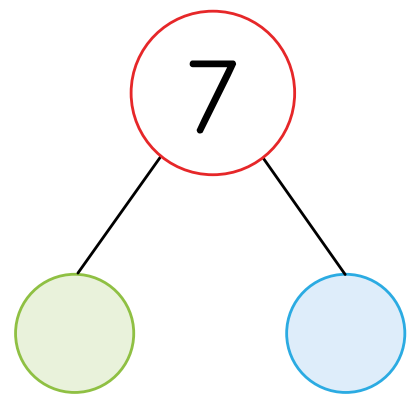
u- 7 no- 0 benza u- 7
and make

u- no- benza u- 7
and make



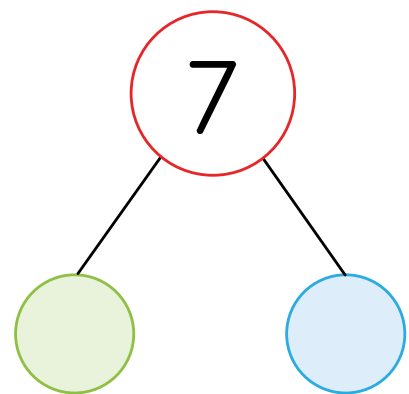
u- 4 no- 3 benza u- 7
and make

u- no- benza u- 7
and make



u- 2 no- 5 benza u- 7
and make

u- no- benza u- 7
and make





IZIBALO
ZENTLOKO
MENTAL MATHS

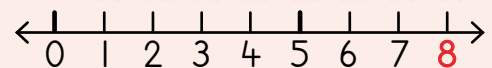
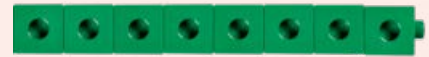
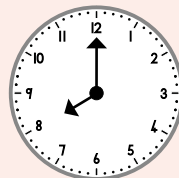
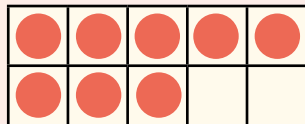
AKWABA
BENDINE
I WISH I HAD

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

UMDLALO
GAME

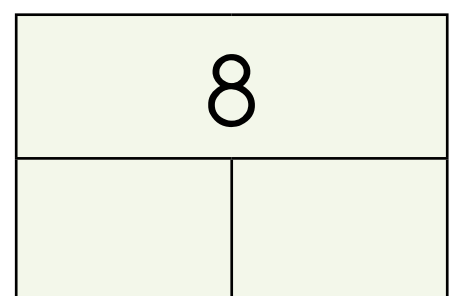
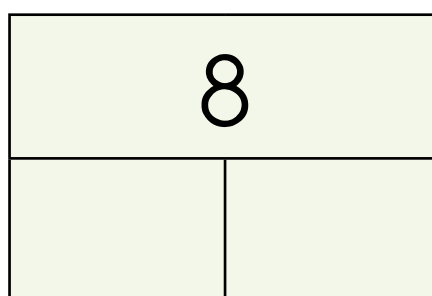
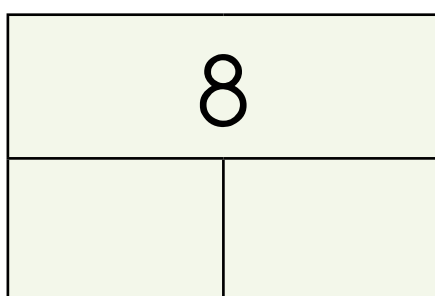
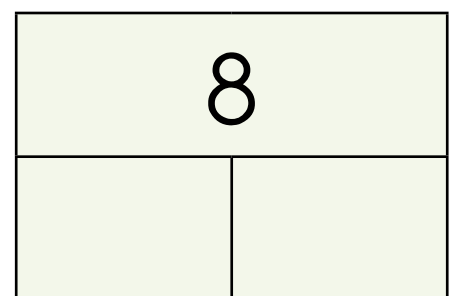
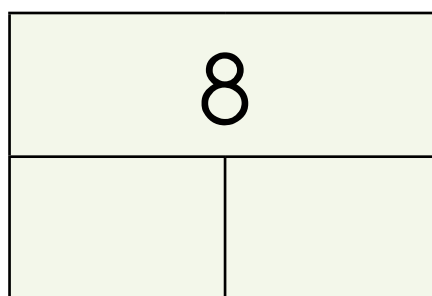
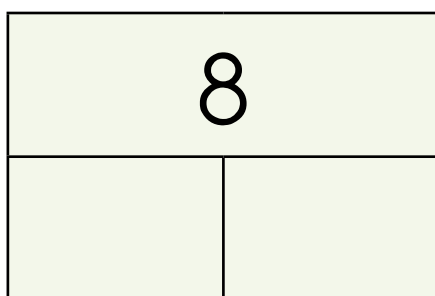
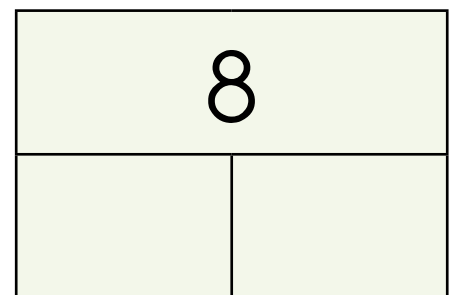
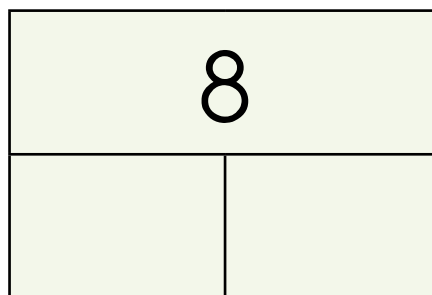
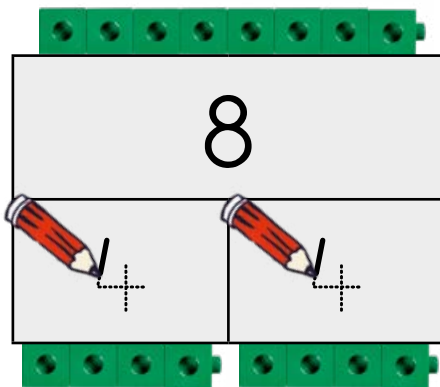
AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

isibhozo
eight



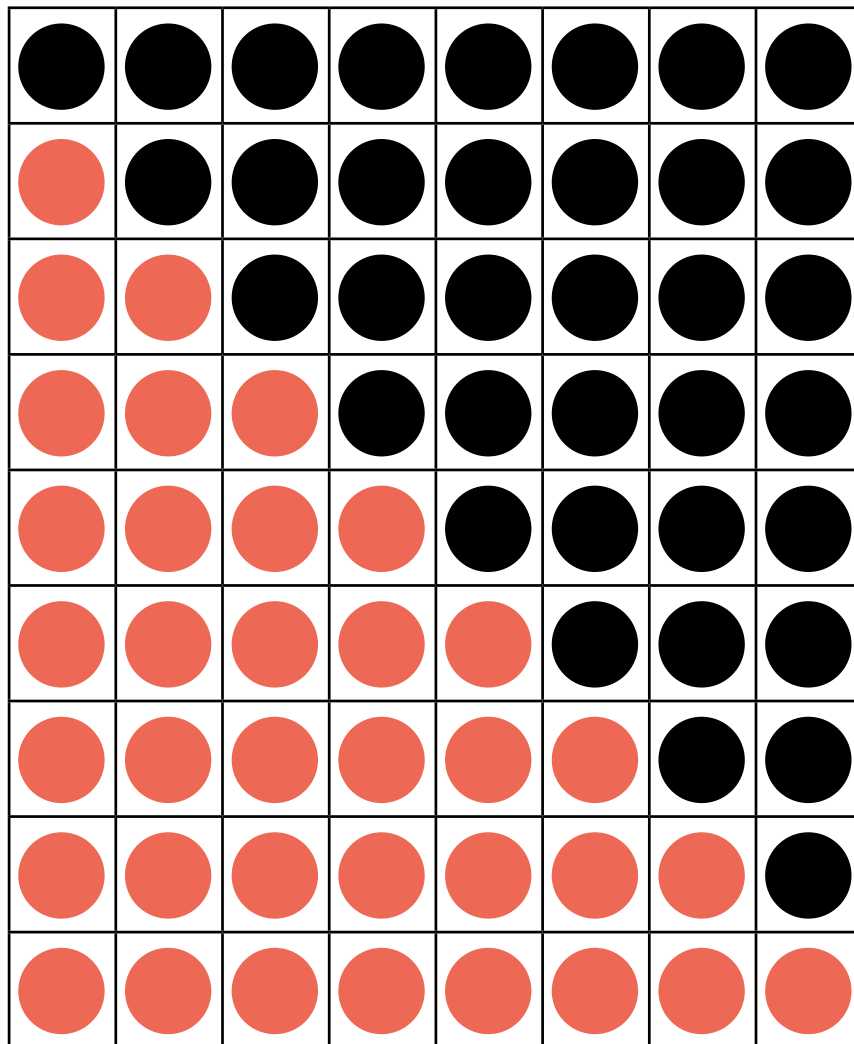
Yenza u-8.

Make 8.



1 Bhala kule ndlu yeebhondi iindlela onokwenza ngazo iibhondi zika-8.

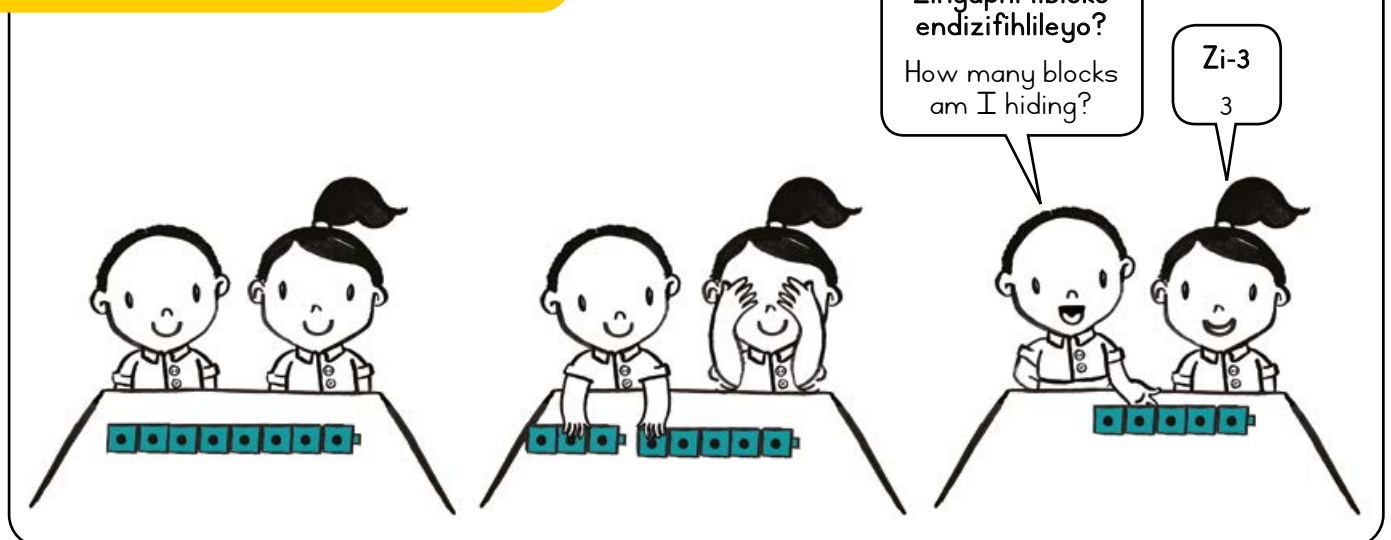
Record the ways to make up 8 in the bond house.



8	
0	8
1	7

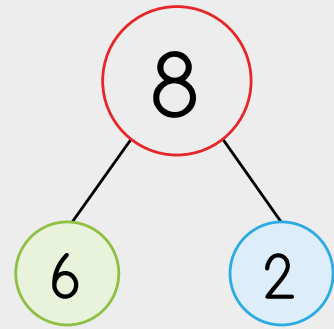
Umdlalo: Ndifihle ezingaphi?

Game: How many I am hiding?



u- 6 no- 2 benza u- 8
 and make

u- 2 no- 6 benza u- 8
 and make

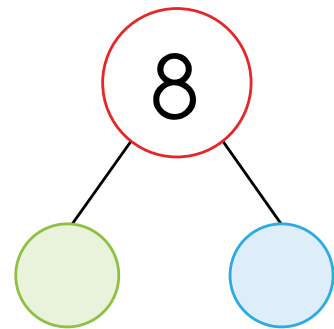


2 Ngawaphi amanye amanani enza u-8?

What other numbers make 8?

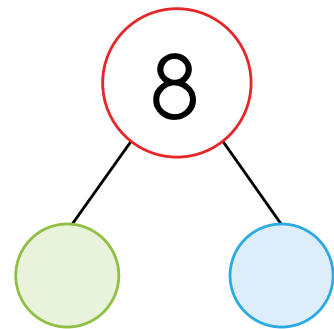
u- 5 no- 3 benza u- 8
 and make

u- no- benza u- 8
 and make



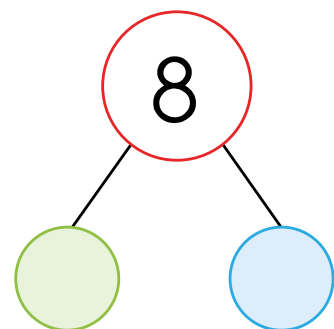
u- 0 no- 8 benza u- 8
 and make

u- no- benza u- 8
 and make



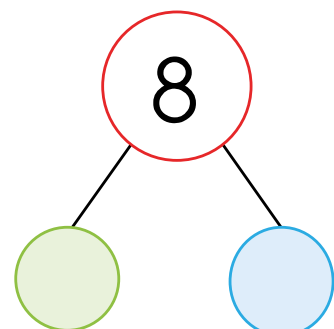
u- 4 no- 4 benza u- 8
 and make

u- no- benza u- 8
 and make



u- 7 no- 1 benza u- 8
 and make

u- no- benza u- 8
 and make





IZIBALO
ZENTLOKO
MENTAL MATHS

AKWABA
BENDINE
I WISH I HAD

UPHUHLISO
LWENGQIQO
CONCEPT DEVELOPMENT

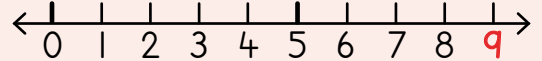
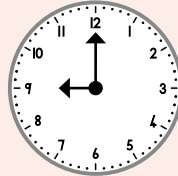
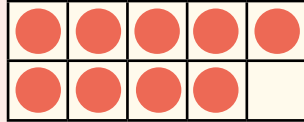
UMDLALO
GAME

AMAPHEPHA
OKUSEBENZELA
WORKSHEETS

lithoba

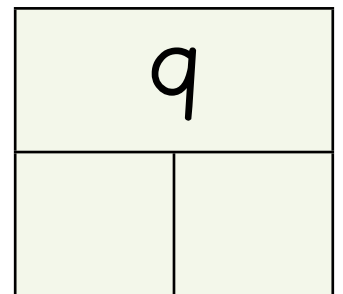
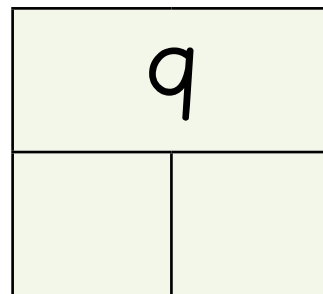
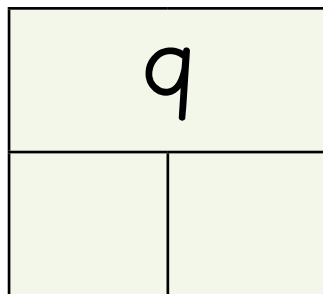
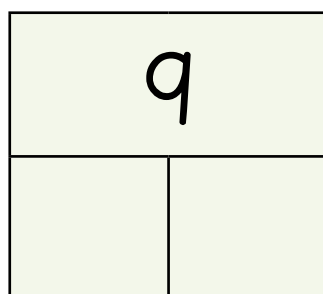
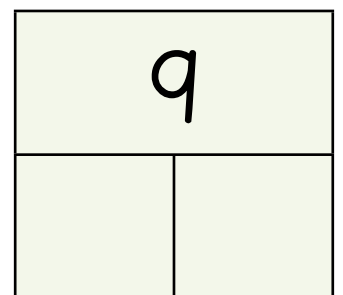
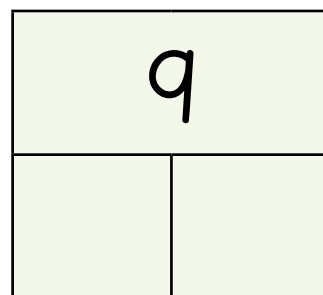
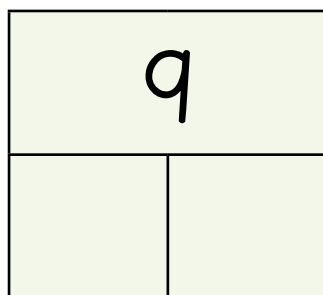
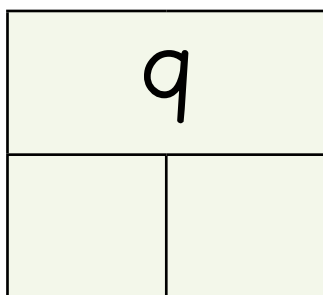
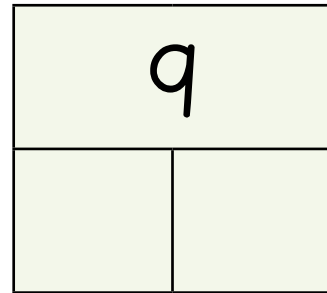
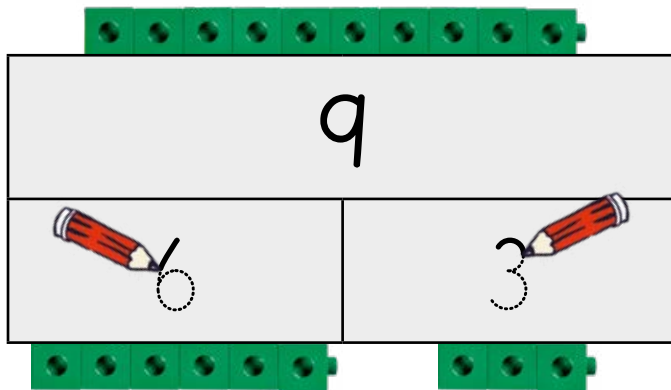
nine

9



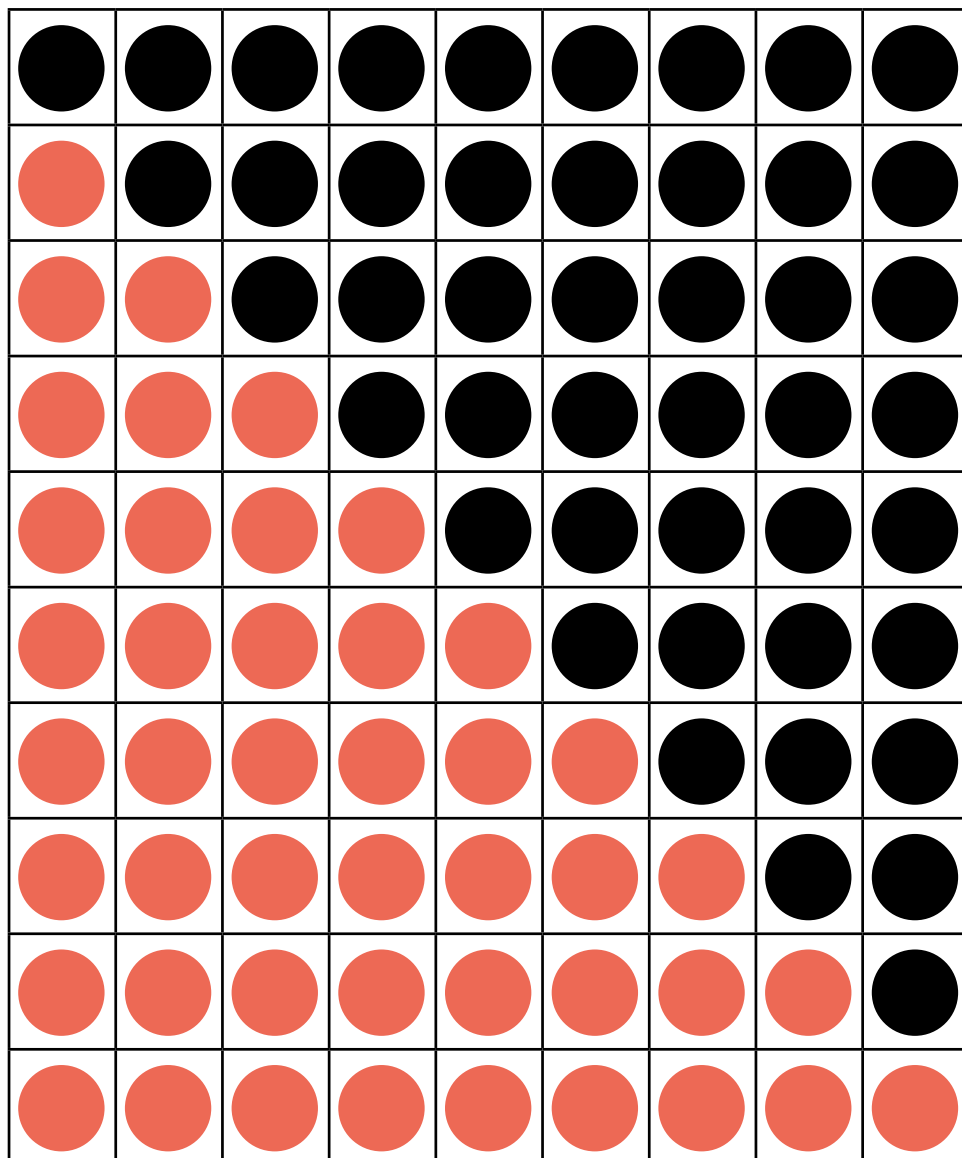
Yenza u-9.

Make 9.



I Bhala kule ndlu yeebhondi iindlela onokwenza ngazo iibhondi zika-9.

Record the ways to make up 9 in the bond house.



9	
0	9
1	8

Umdlalo: Chitha iibloko

Game: Spill the blocks

Ndineebloko ezili-9
ekomityini yam.

I have 9 blocks
in my cup.



Zingaphi iibloko ezishiyeke
ekomityini yam?

How many are still
in my cup?



Zi-5
5

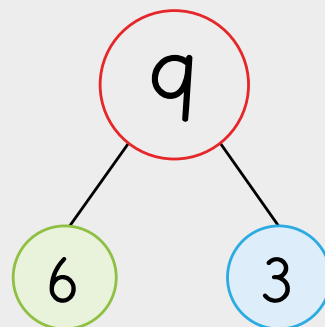


Uchanile!
You're right!



u- 6 no- 3 benza u- 9
and make

u- 3 no- 6 benza u- 9
and make

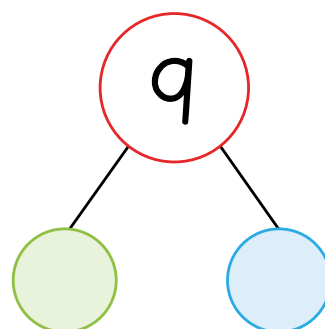


2 Ngawaphi amanye amanani enza u-9?

What other numbers make 9?

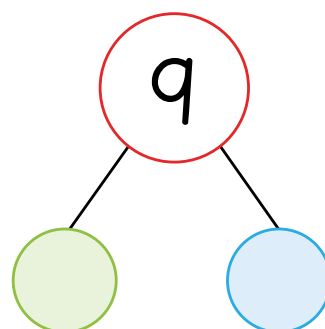
u- 8 no- 1 benza u- 9
and make

u- no- benza u- 9
and make



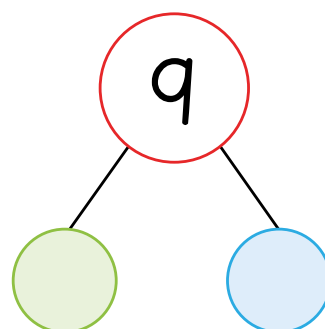
u- 9 no- 0 benza u- 9
and make

u- no- benza u- 9
and make



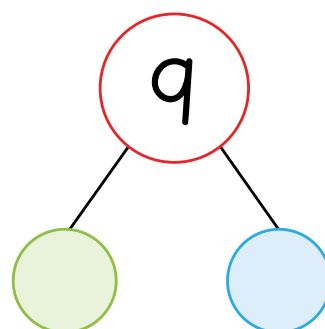
u- 4 no- 5 benza u- 9
and make

u- no- benza u- 9
and make



u- 2 no- 7 benza u- 9
and make

u- no- benza u- 9
and make



IPHEPHA LOKUSEBENZELA
WORKSHEET

IPHEPHA LOKUSEBENZELA
WORKSHEET

- 1 Yenza amachokoza ukuzed uqongqothwane abe namachokoza ama-6 ewonke.

Draw spots so the ladybird has 6 spots altogether.

 u- 2 no- benza u- 6 and make	 u- 3 no- benza u- 6 and make
 u- 4 no- benza u- 6 and make	 u- 5 no- benza u- 6 and make

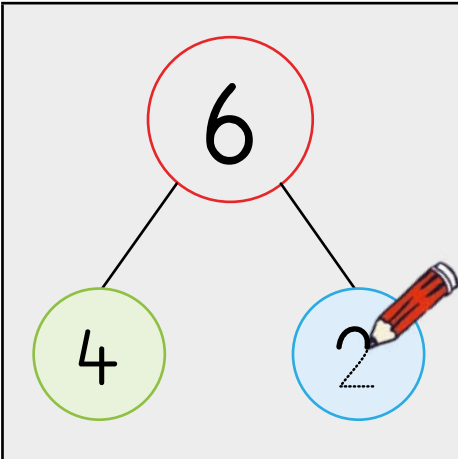
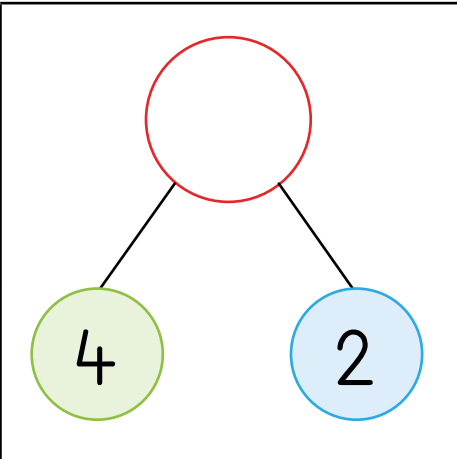
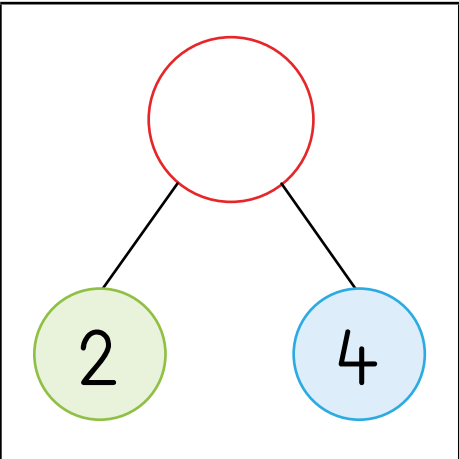
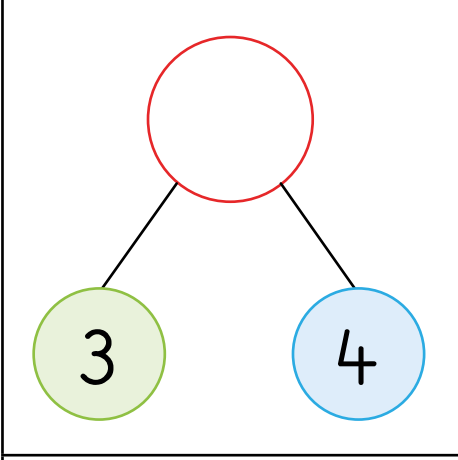
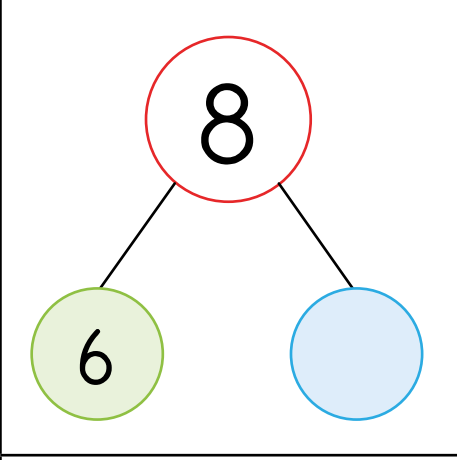
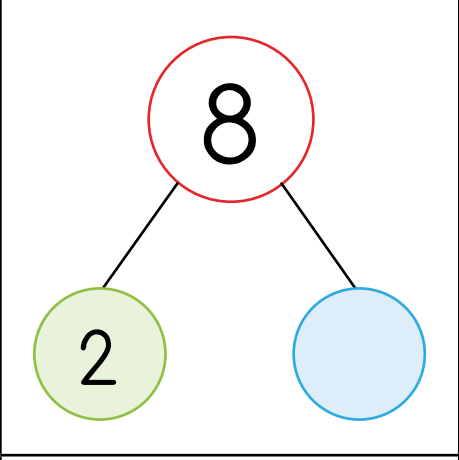
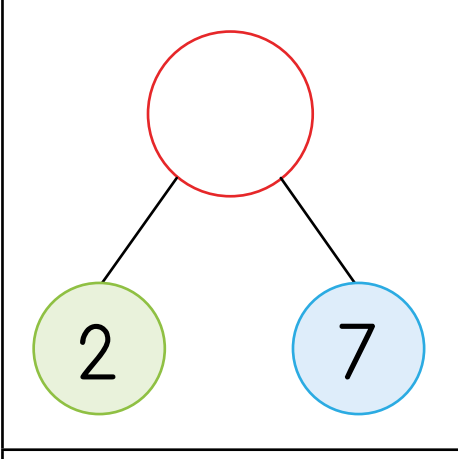
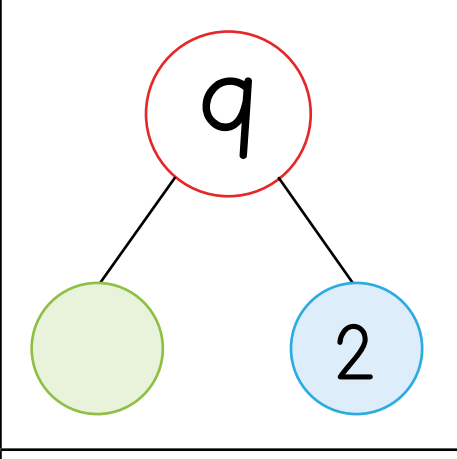
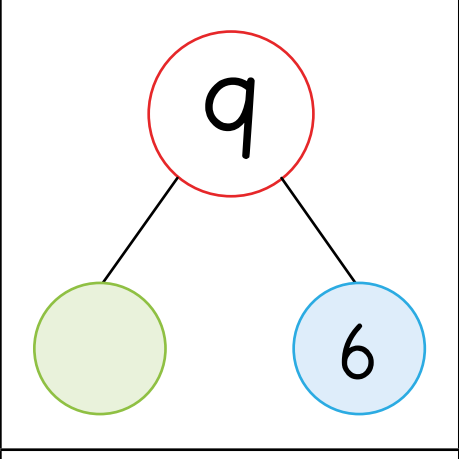
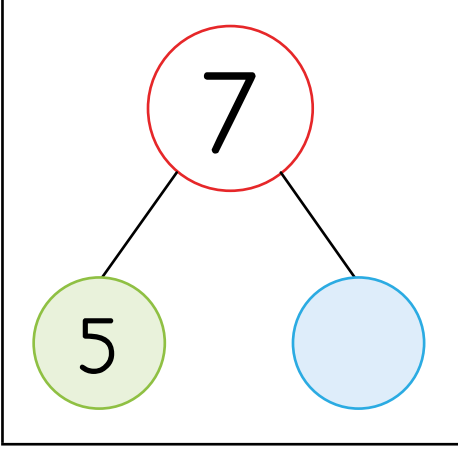
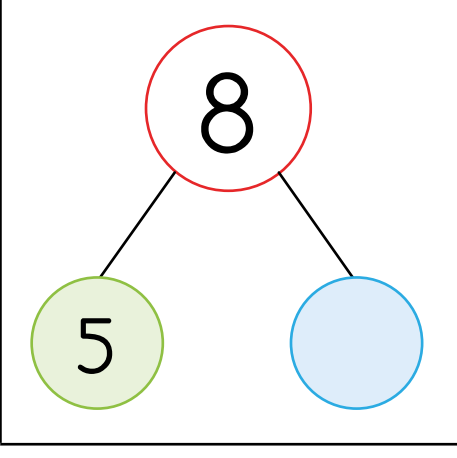
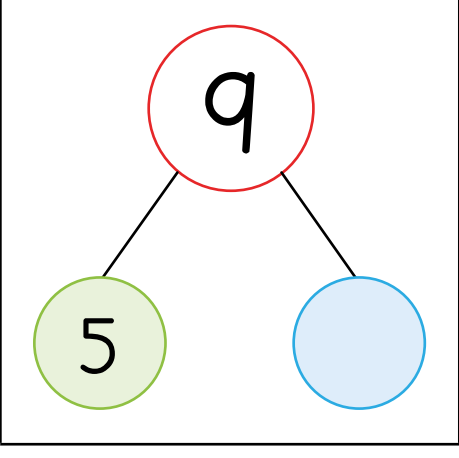
- 2 Zoba amachokoza ukuze uqongqothwane abe namachokoza a-7 ewonke.

Draw spots so the ladybird has 7 spots altogether.

 u- 4 no- benza u- 7 and make	 u- 2 no- benza u- 7 and make	 u- 3 no- benza u- 7 and make
--	--	--

3 Fakela amanani ashinyiweyo.

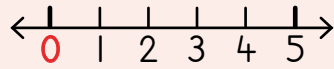
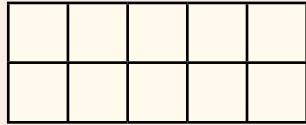
Fill in the missing numbers.

nothi

zero

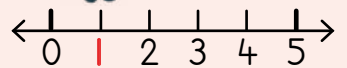
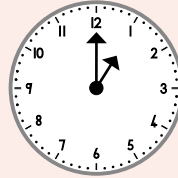
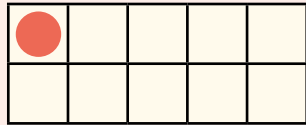
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one

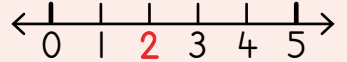
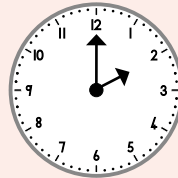
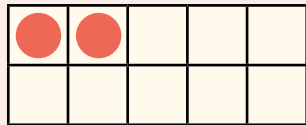
1



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two

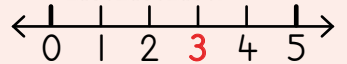
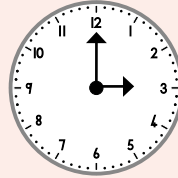
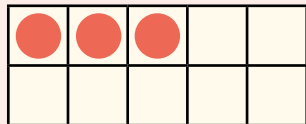
2



nthathu

three

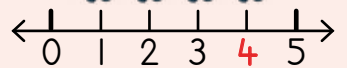
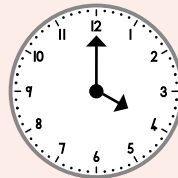
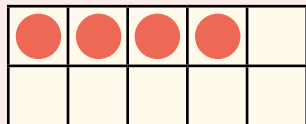
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four

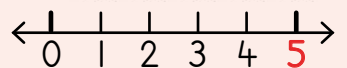
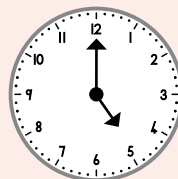
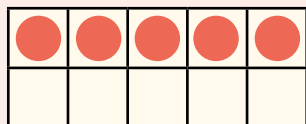
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five

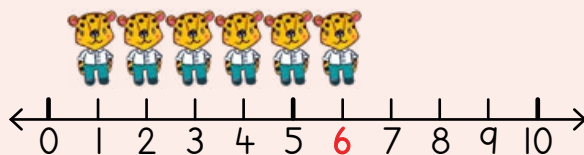
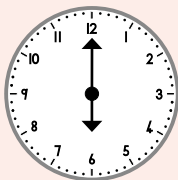
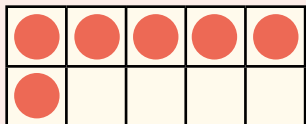
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six

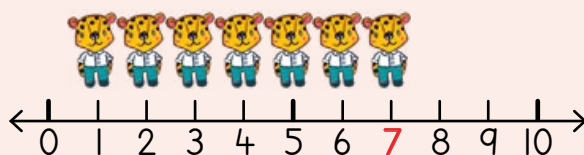
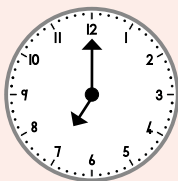
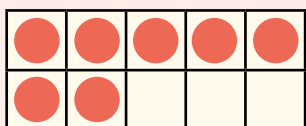
6



zisixhenxe

seven

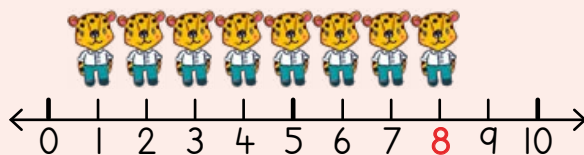
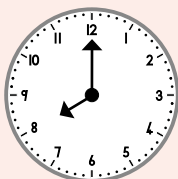
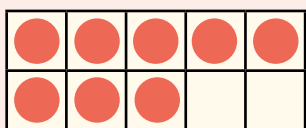
7



isibhozo

eight

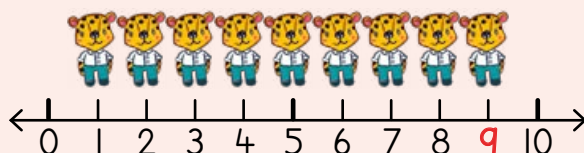
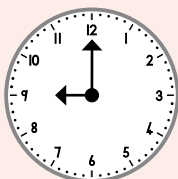
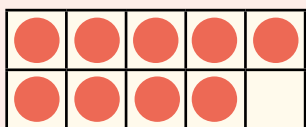
8



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nine

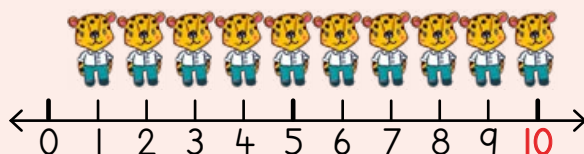
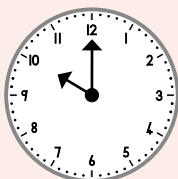
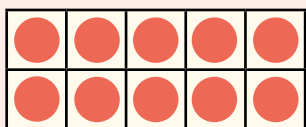
9



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ten

10





Bala Wande

Calculating with Confidence